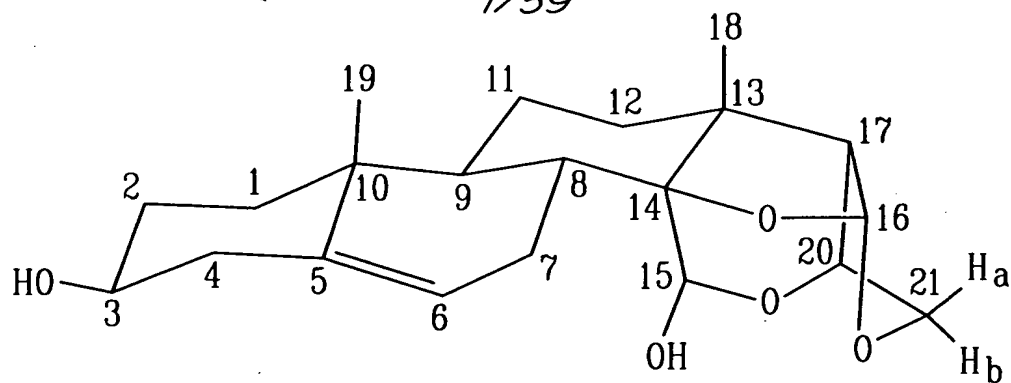
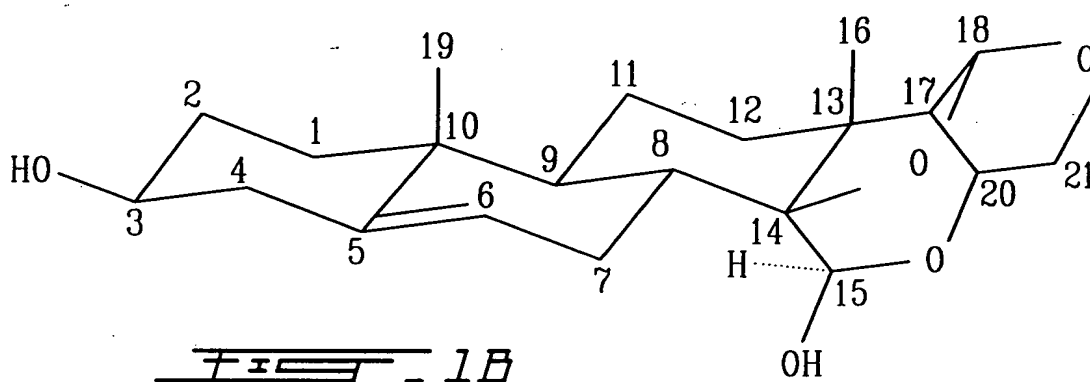


MVB608



FI - 1A



FILE - 1B

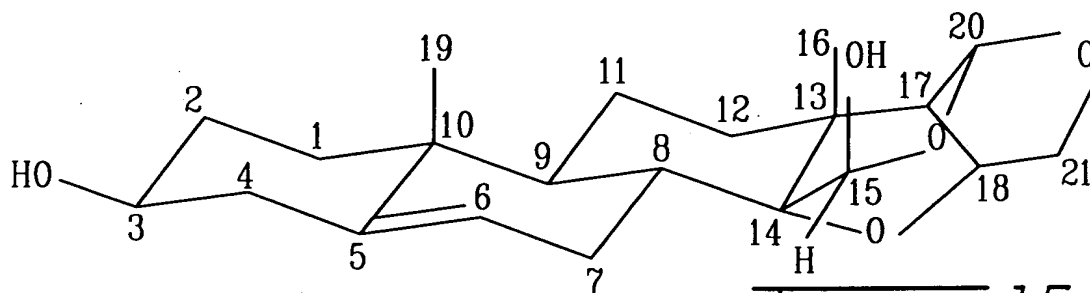
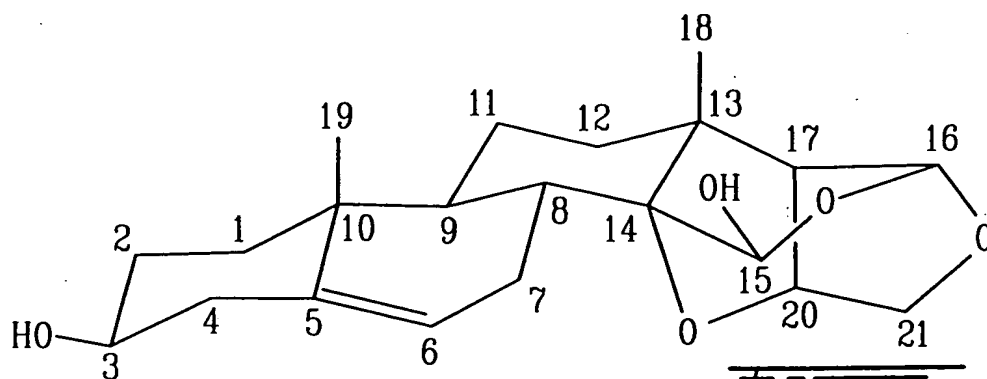
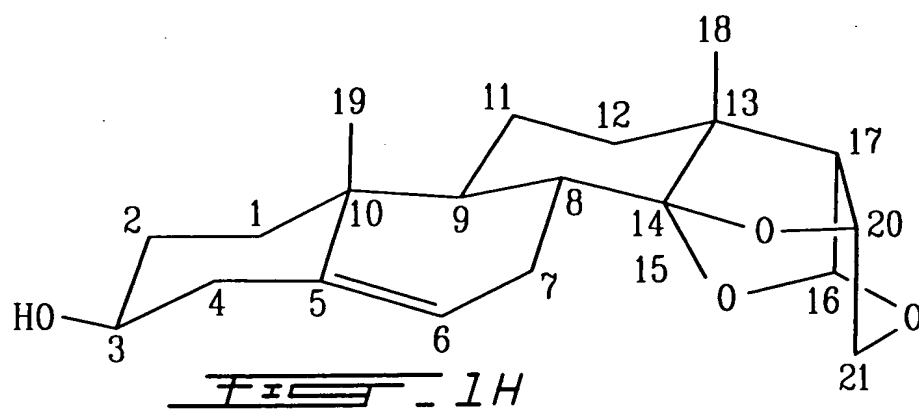
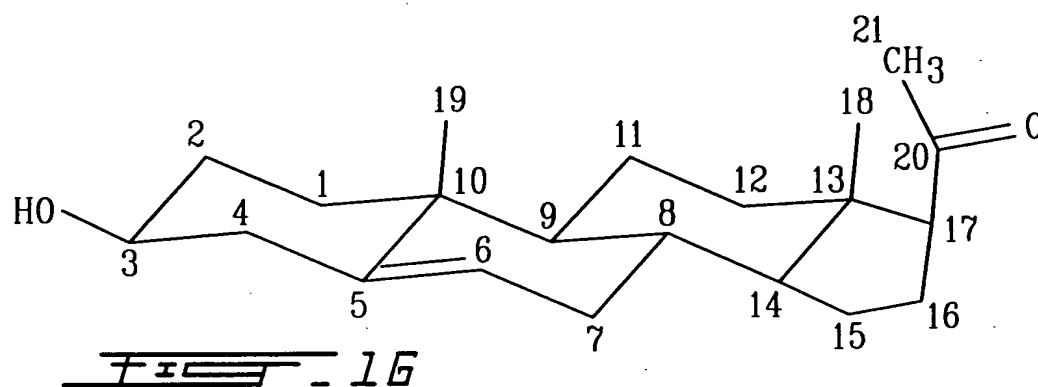
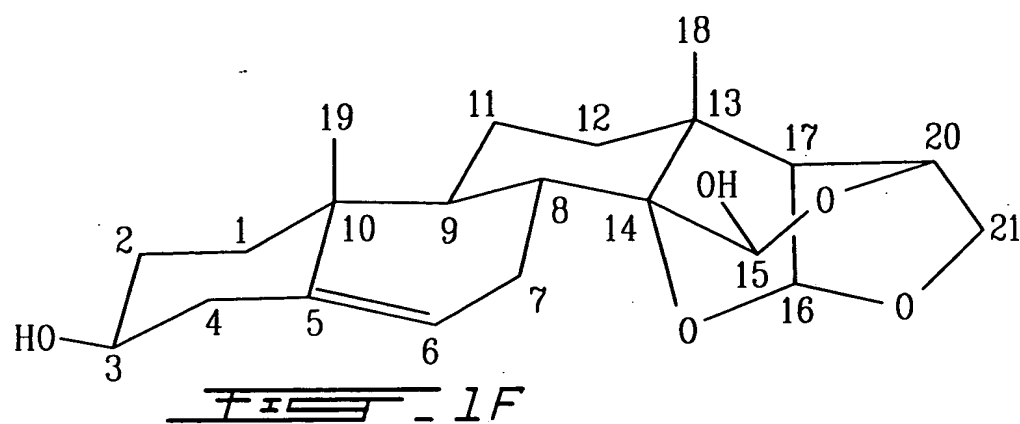
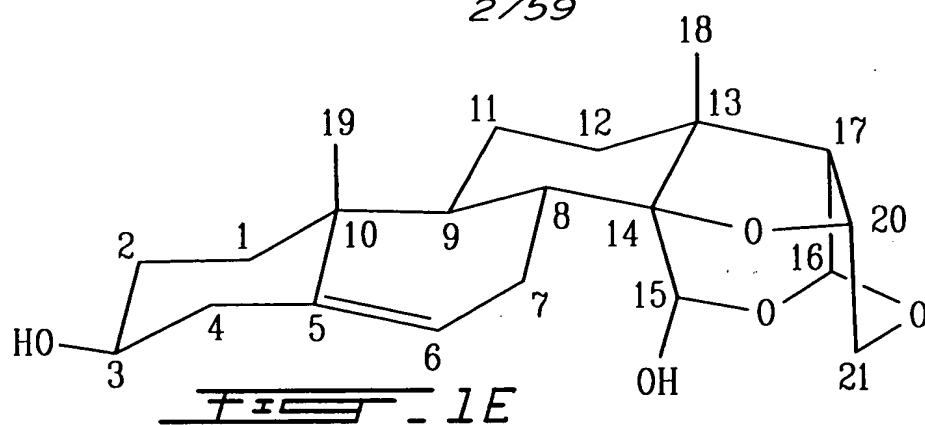


FIG-1C

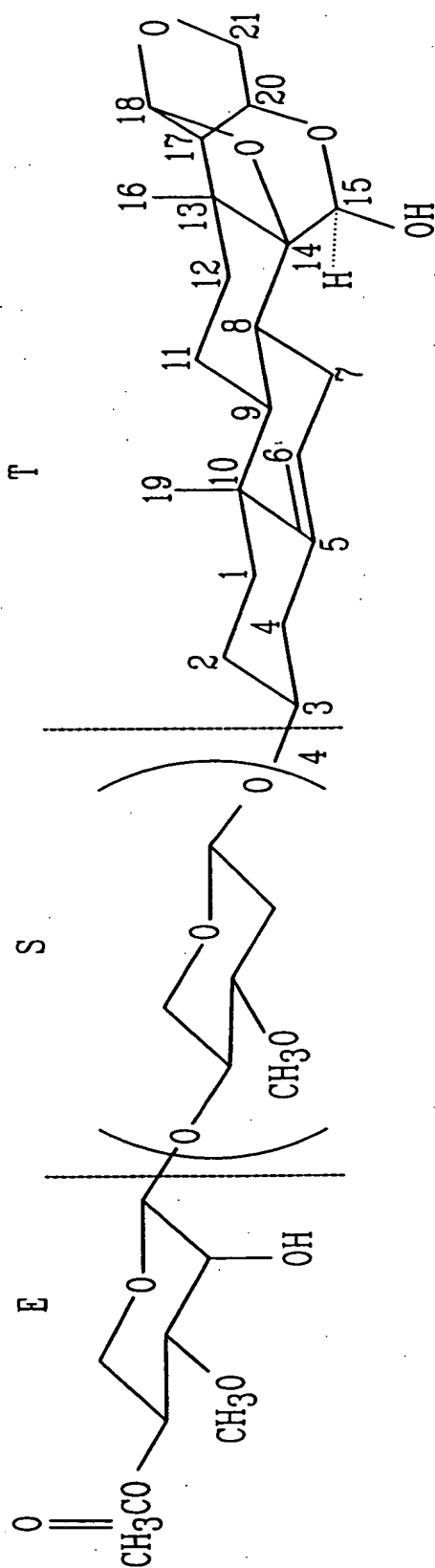


File - 10

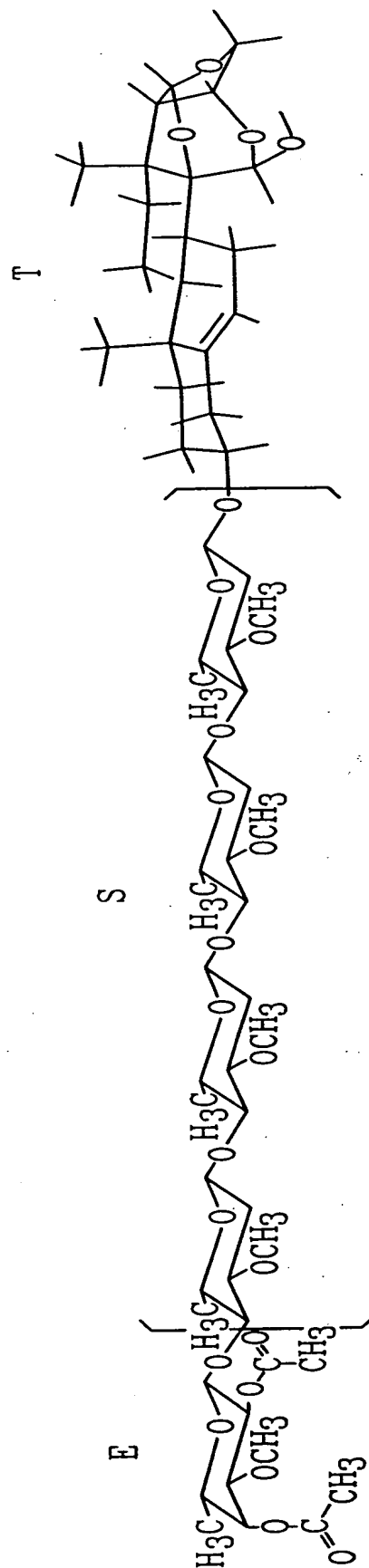
2/59



3/59

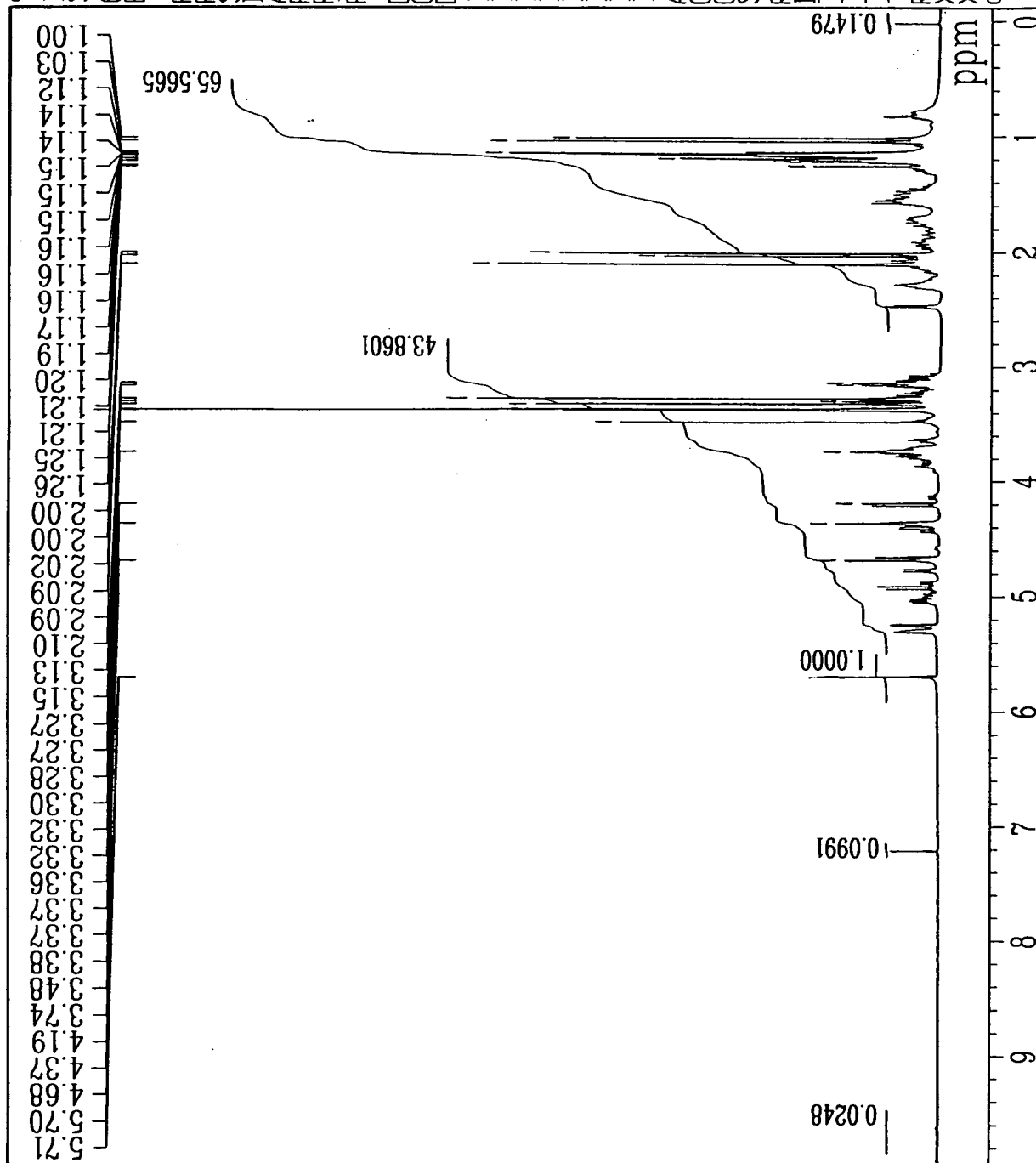


FEI-2A



FEI-2B

子

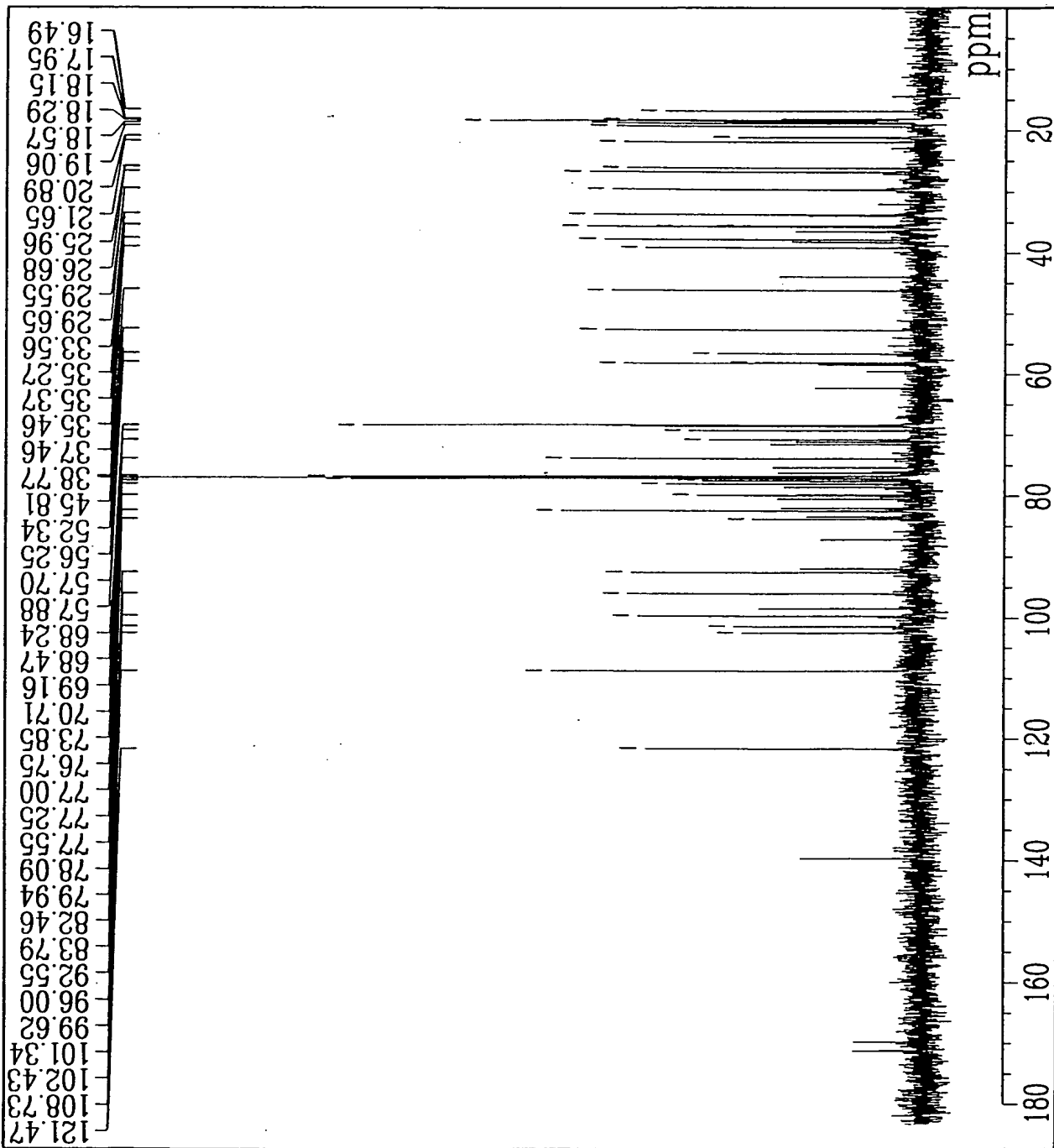


09/509462

09/509462

5/59

9-DCT-1991 12:42:57.00
Accumulation
DBNUC : 13C
DBSET : 127958.00 Hz
IRNUC : 1H
IRSET : 162160.00 Hz
POINT : 32768
SCANS : 500
PWI : 7.78 usec
ACQTM : 0.9667 sec
PD : 0.0400 sec
EXMOD : SINGL
IRMOD : BCM
Process
BF : 2.00 Hz
RESOL : 1.03 Hz
Plot
YG : 0.0304
XE : 23440.60 Hz
XS : 947.08 Hz



FEI - 4

6/59

9-OCT-1991 17:05:07.00

Accumulation

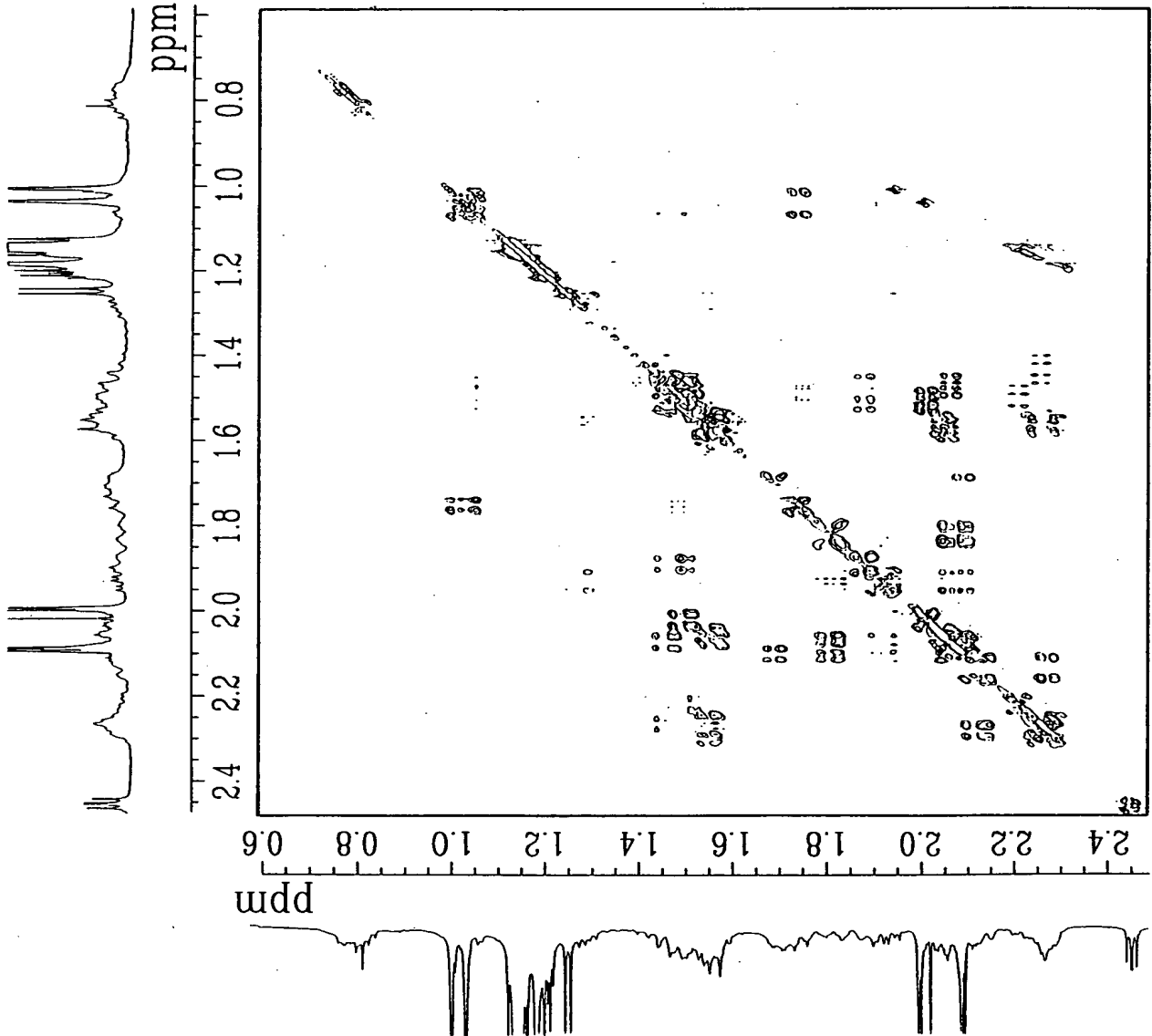
DBNUC : 1H
 DBSET : 161620.12 Hz
 IRNUC : 1H
 IRSET : 162160.00 Hz
 EXMOD : PDDF
 SCANS : 8
 PW1 : 10.80 usec
 PW2 : 22.00 usec
 ACQTM : 0.3108 sec
 PD : 0.3175 sec

F2

POINT : 1024
 FREQU : 3294.89 Hz
 RESOL : 3.22 Hz
 BF : 0.00 Hz

F1

CLPNT : 1024
 CLFRQ : 3294.89 Hz
 CLRSS : 3.22 Hz
 CBF : 0.00 Hz



F1F2 - 5

000220 23 03 45 00 00

09/509462

7/59

9-OCT-1991 14:26:16.00

Accumulation

DBNUC : 13C
DBSET : 124801.76 Hz
IRNUC : 1H
IRSET : 161489.85 Hz
POINT : 2048
SCANS : 16
PW1 : 9.50 usec
ACQTM : 0.1130 sec
PD : 0.5000 sec

EXMOD : CHSHF
IRMOD : IRLV2

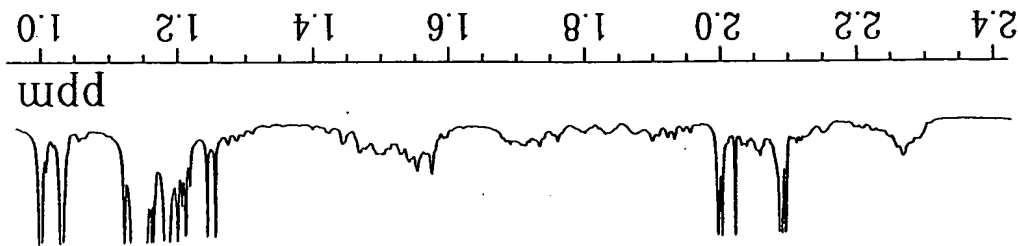
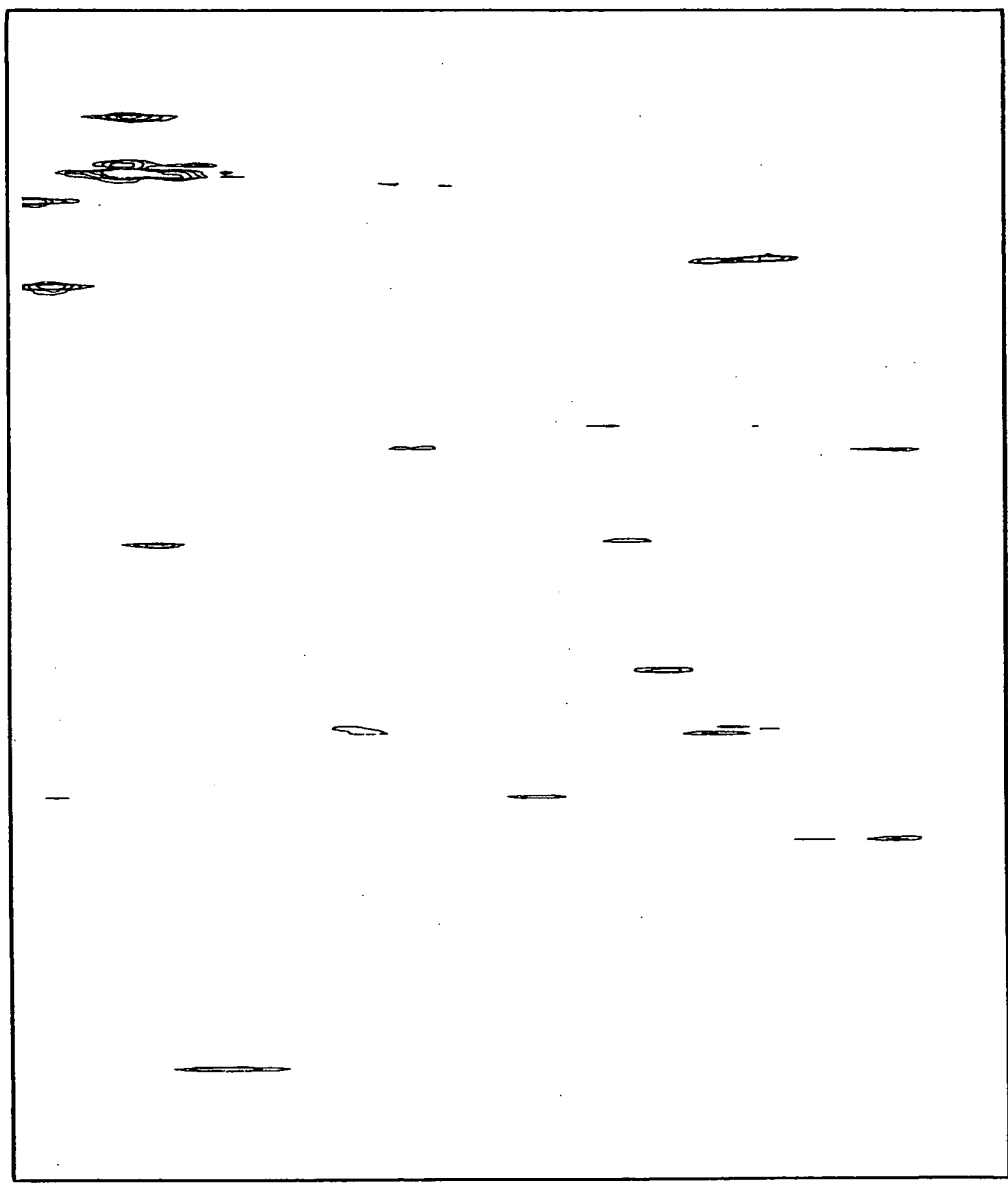
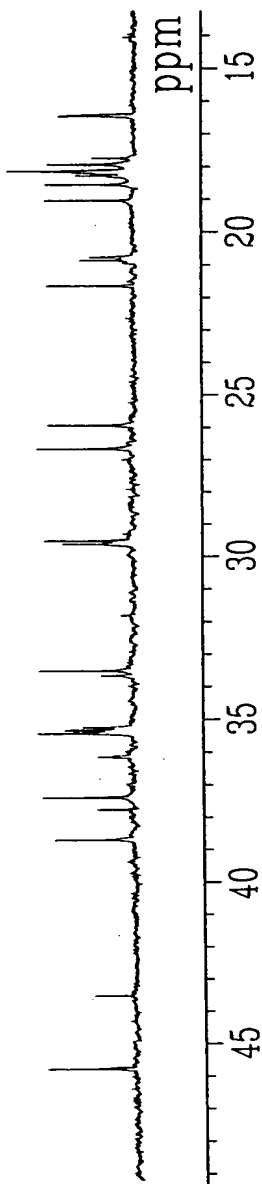
Process

BF : 8.00 Hz
RESOL : 8.85 Hz

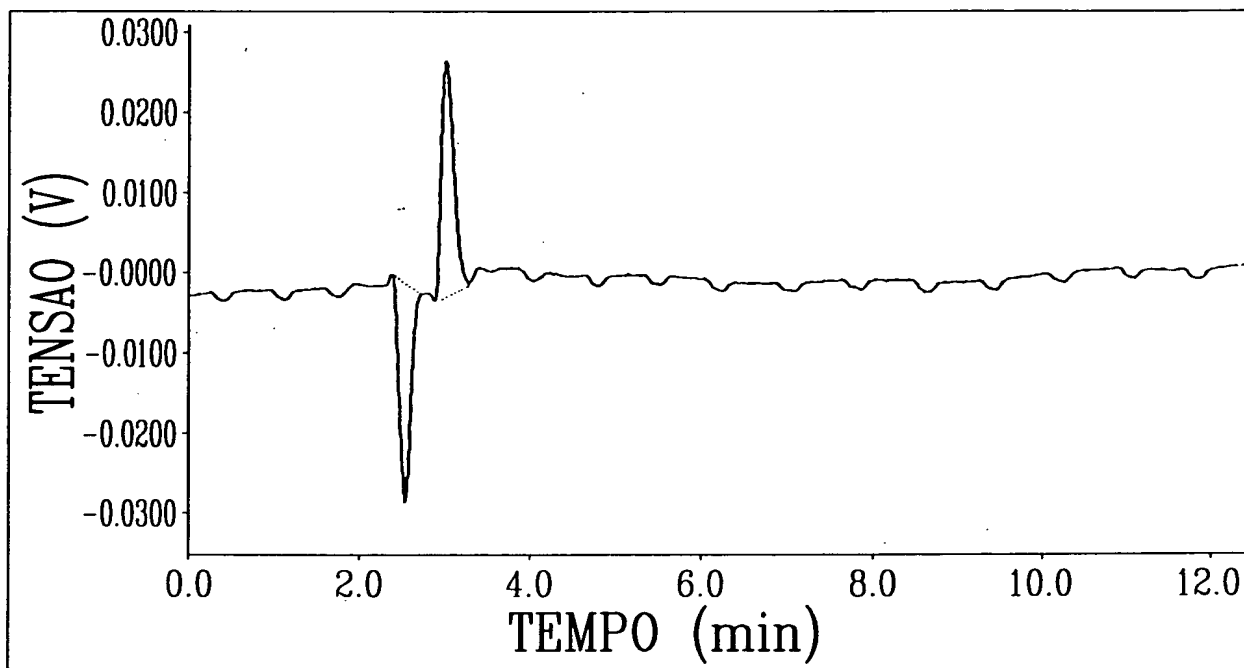
Plot

YG : 0.0500
XE : 4528.99 Hz
XS : 5555.08 Hz

FILE - 6



8/59



Peak 1. Solvent

Peak 2. MV-8608

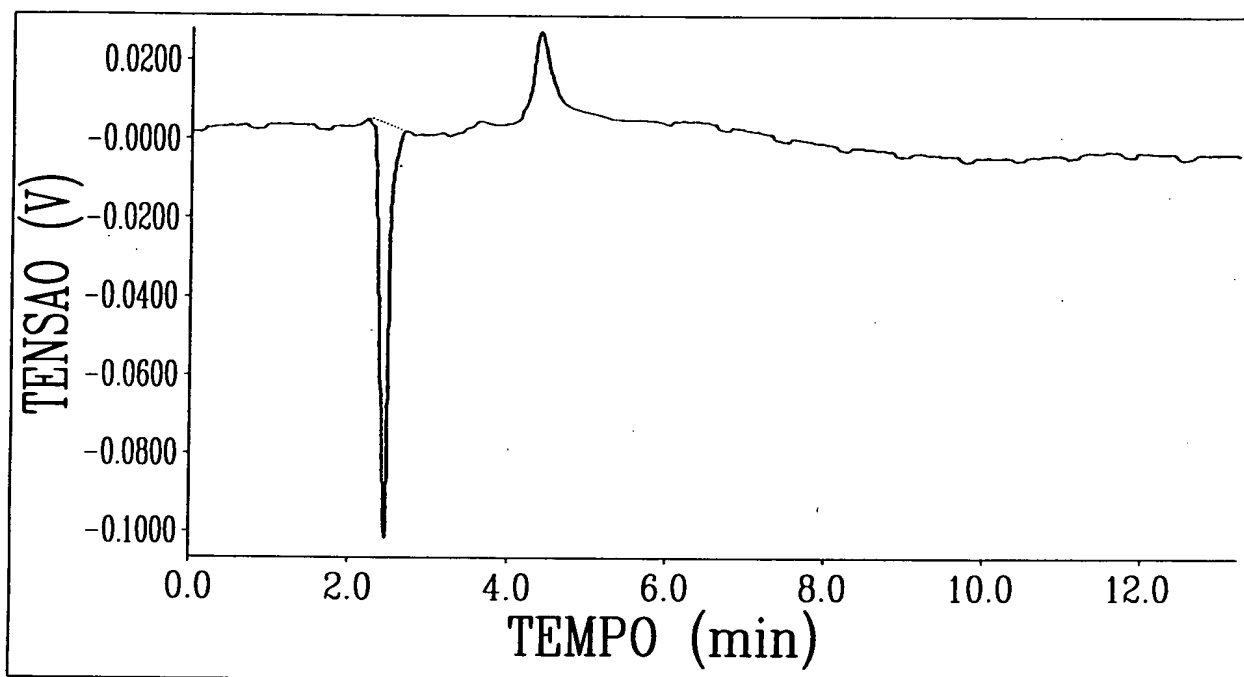
Column Temperature 25°C

Chromatogram in HPLC (Beckmann)

Refractive Index Detector

Stationary phase → água/metanol

9/59



Peak 1. Solvent

Peak 2. MV-8612

Column Temperature 25°C

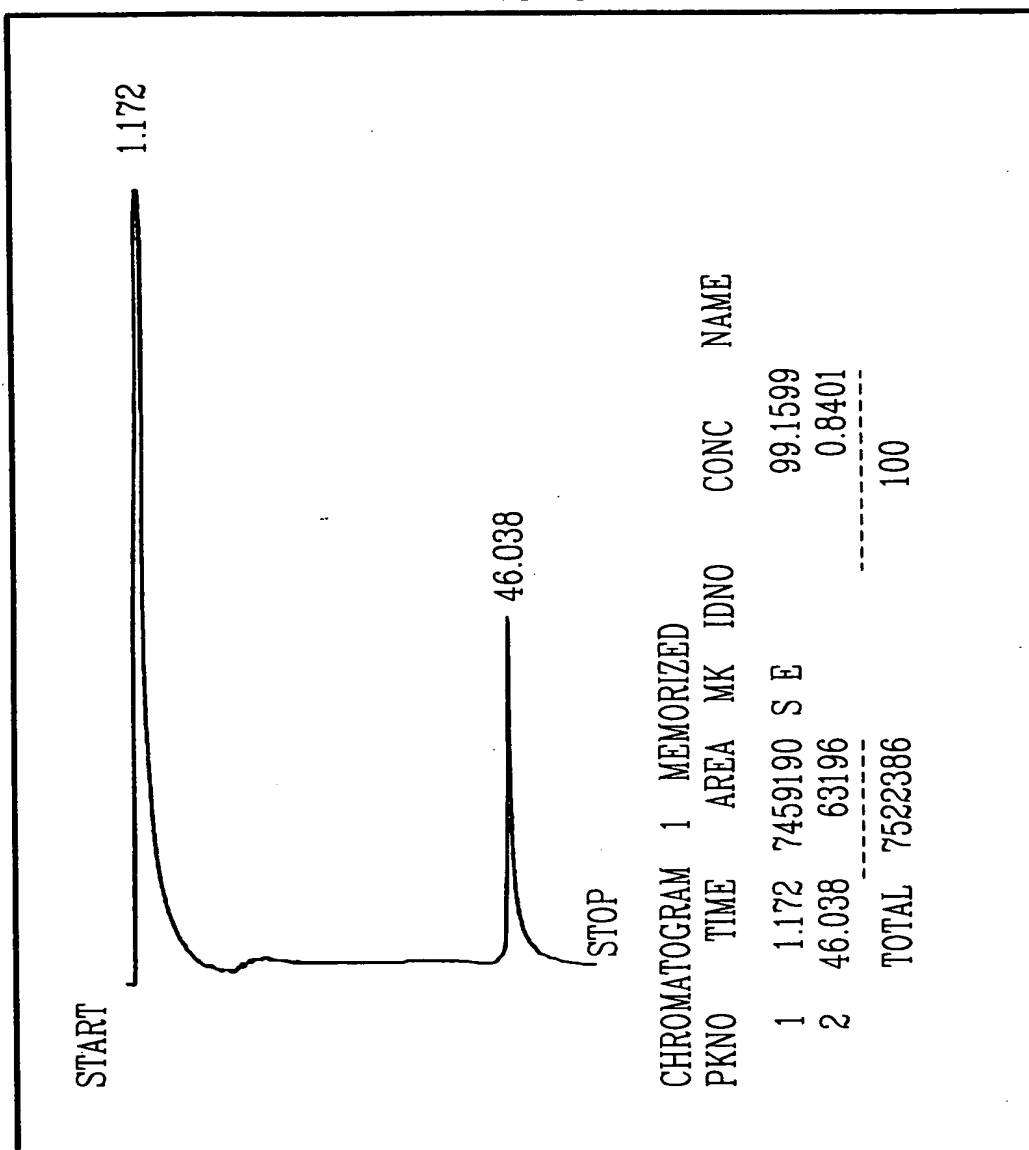
Chromatogram in HPLC (Beckmann)

Refractive Index Detector

Stationary phase → água/metanol

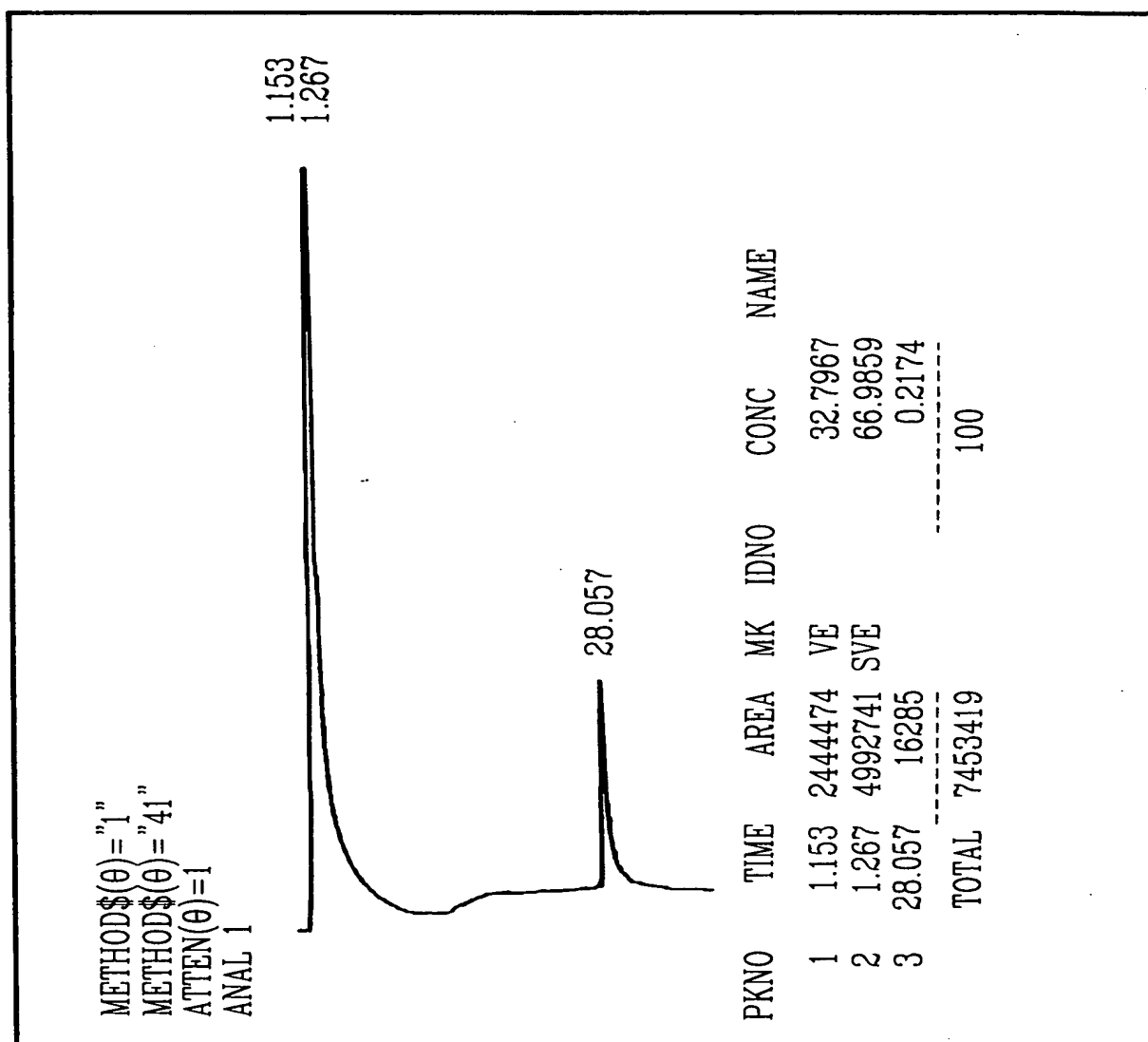
FISS - B

10/59



Chromatography → Shimadzu CG - 14A
 Sample → MV 8608
 Column temperature → 80°C → 250°C
 Detector temperature → 290°C
 Injector temperature → 250°C
 Gradient temperature → 10°C/min
 Column LM-1
 Solvent → acetone
 Peak 1 → solvent
 Peak 2 → MV 8608

11/59



Chromatography → Shimadzu CG - 14A

Sample → illustrol

Column temperature → 80°C → 250°C

Detector temperature → 290°C

Injector temperature → 250°C

Gradient temperature → 10°C/min

Column LM-1

Solvent → acetone/CHCl₃

Peak 1 → solvent

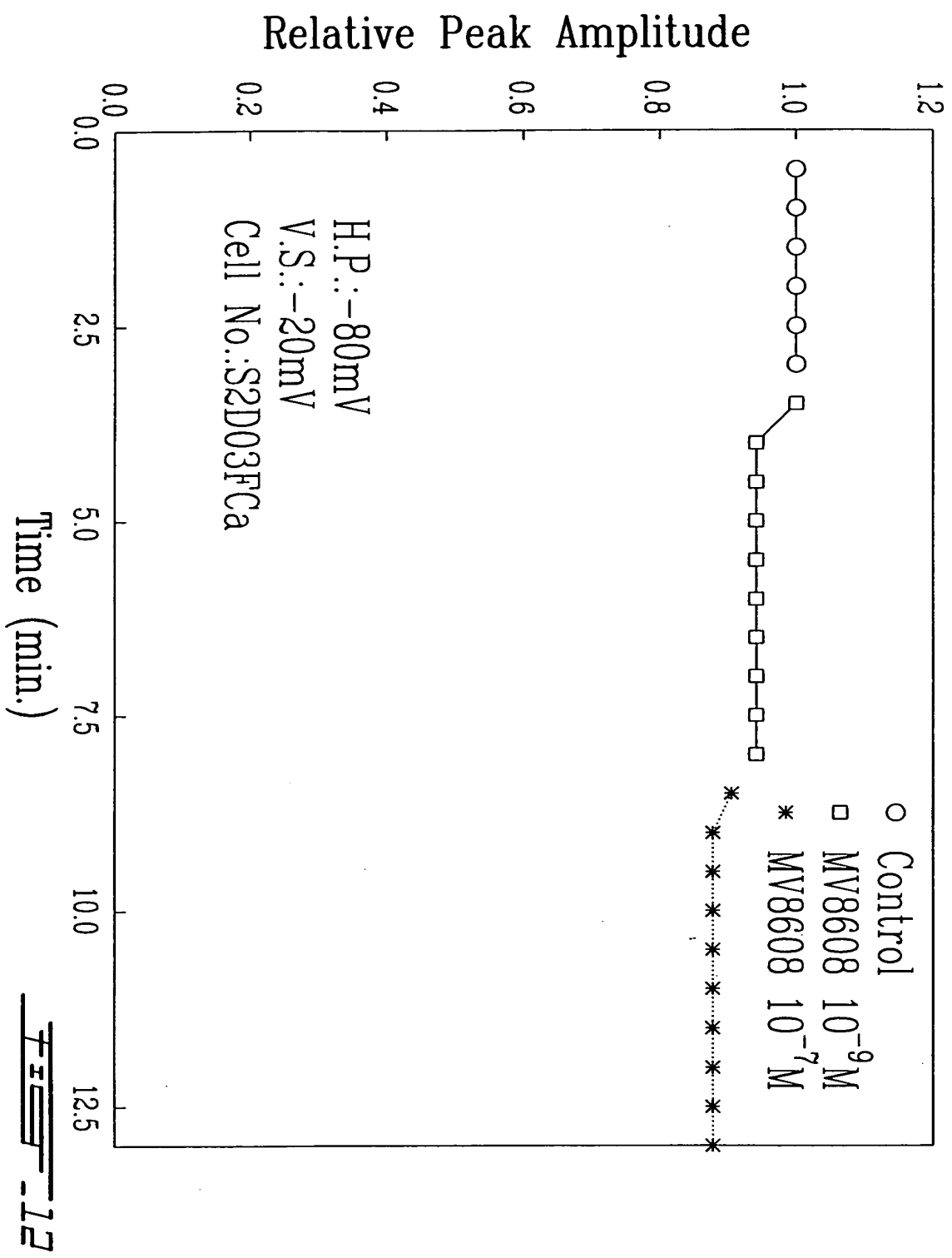
Peak 2 → solvent

Peak 3 → illustrol

09 / 509462



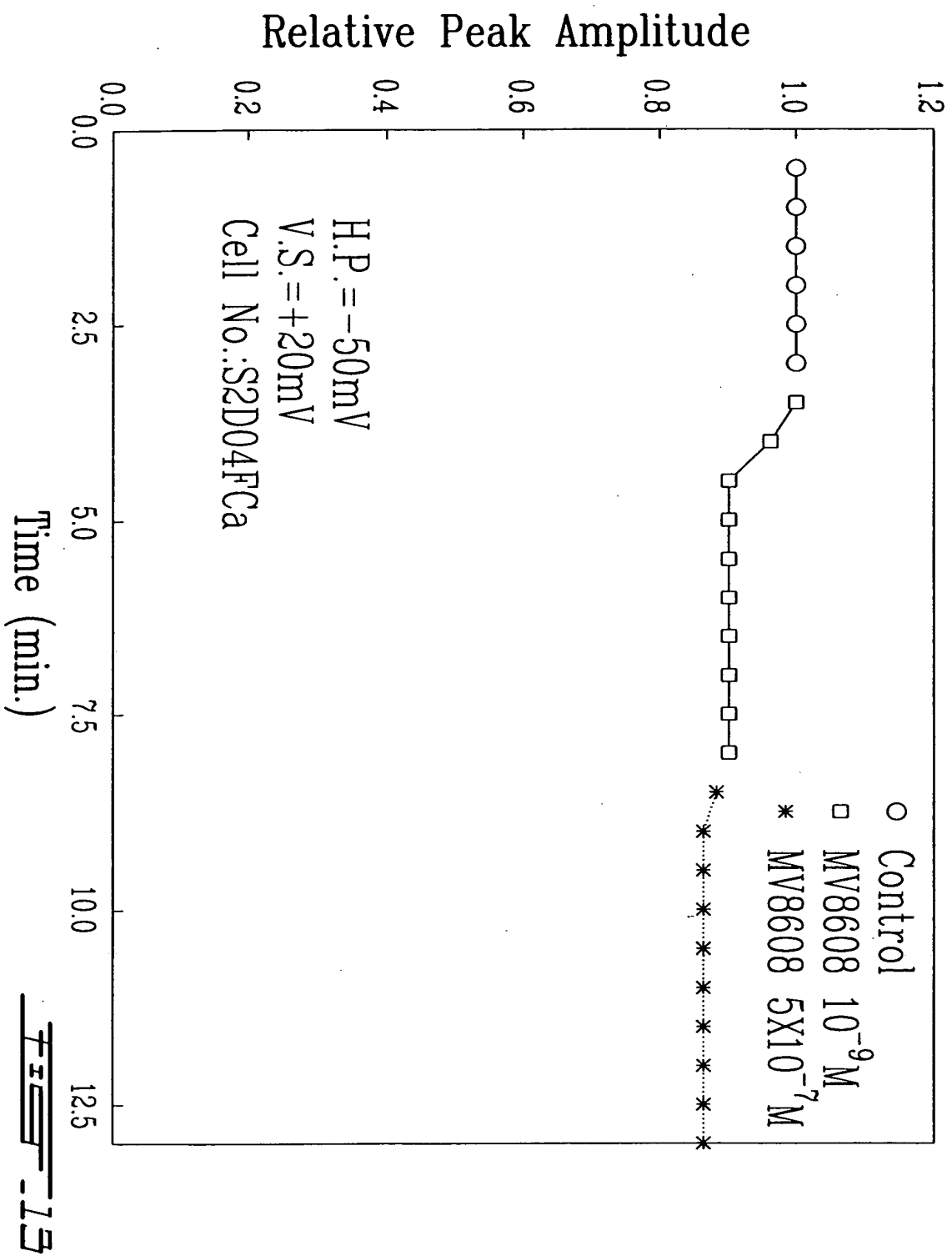
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13/59

09/509462

100

[illegible]

Control

Membrane potential = -30mV



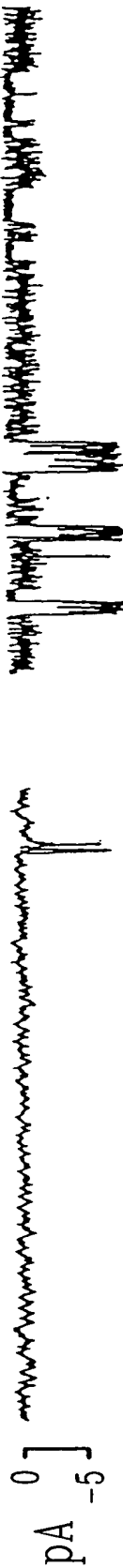
FEF-14A

15/59

MV8608 10^{-7} M (extrapipette)

Control

+30mV

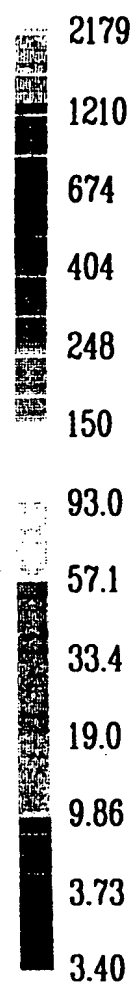


200 msec

FEI-14B

16/59

CONTROL

KCl
4 minMV8608
5 min

HUMAN HEART

CONTROL

KCl
3 minMV8608
1 minConc.
 $\times 10^{-9}$

17/59

CHICK HEART

CONTROL

ET-1
4 minNIFEDIPINE
4 minMV8608
6 minKCl
3 min

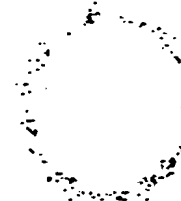
3 min

4 min

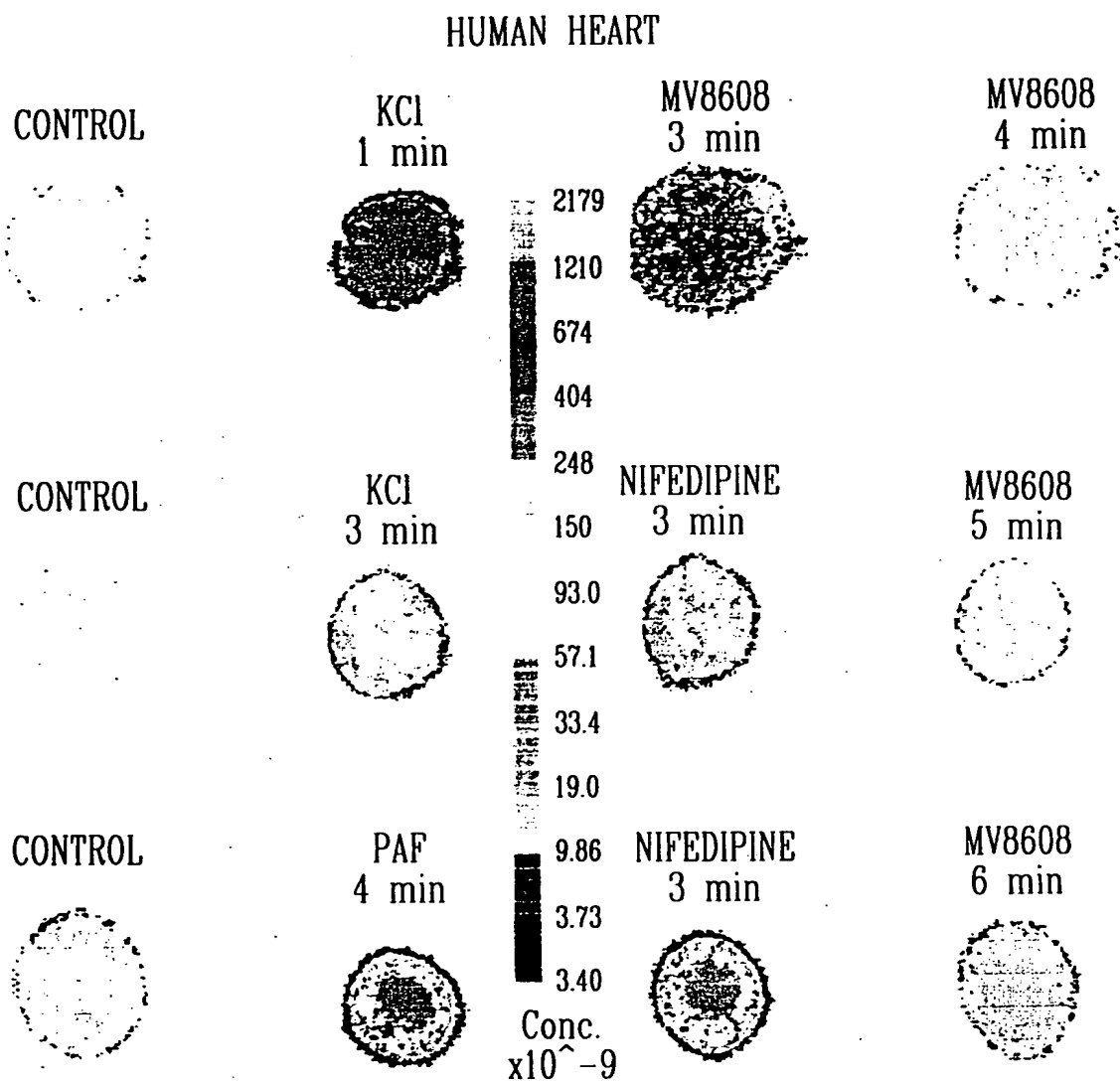
PAF
4 min

3 min

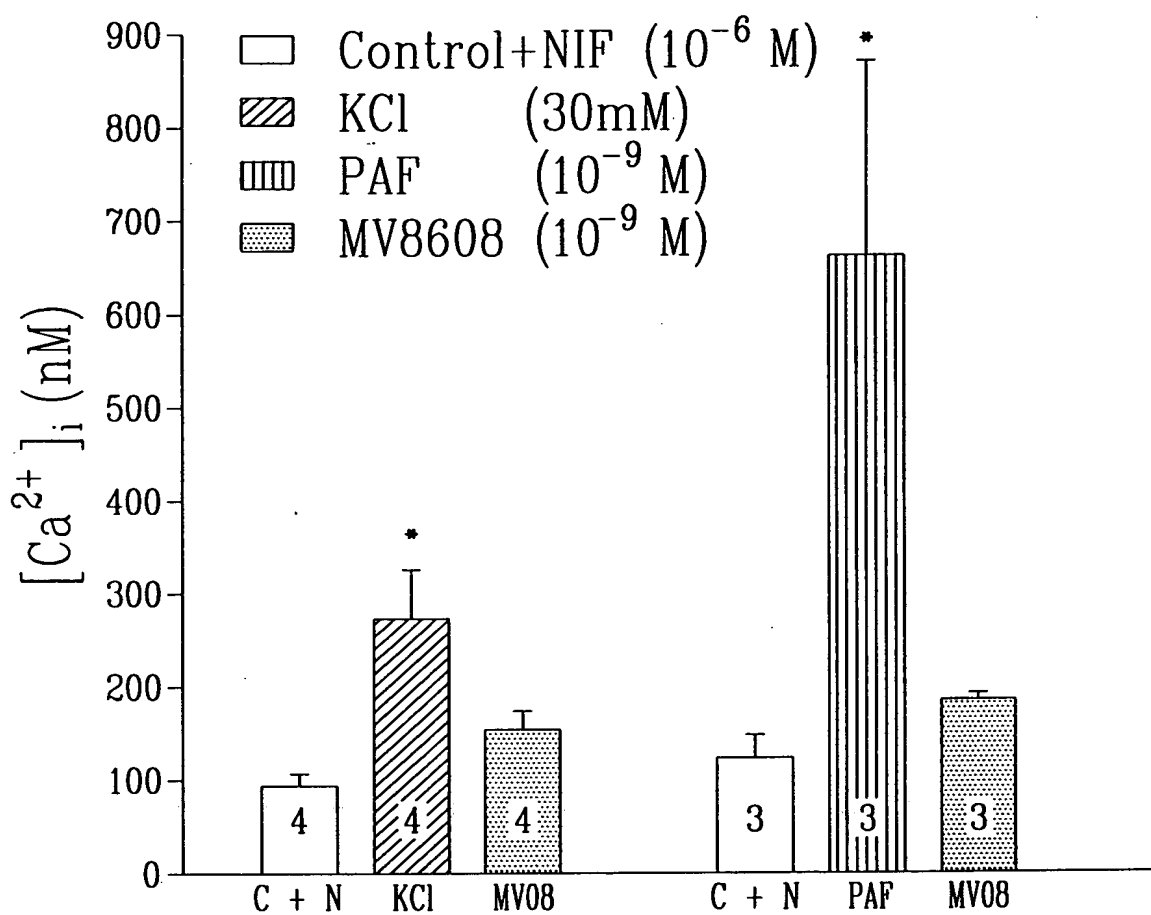
4 min

Conc.
 $\times 10^{-9}$

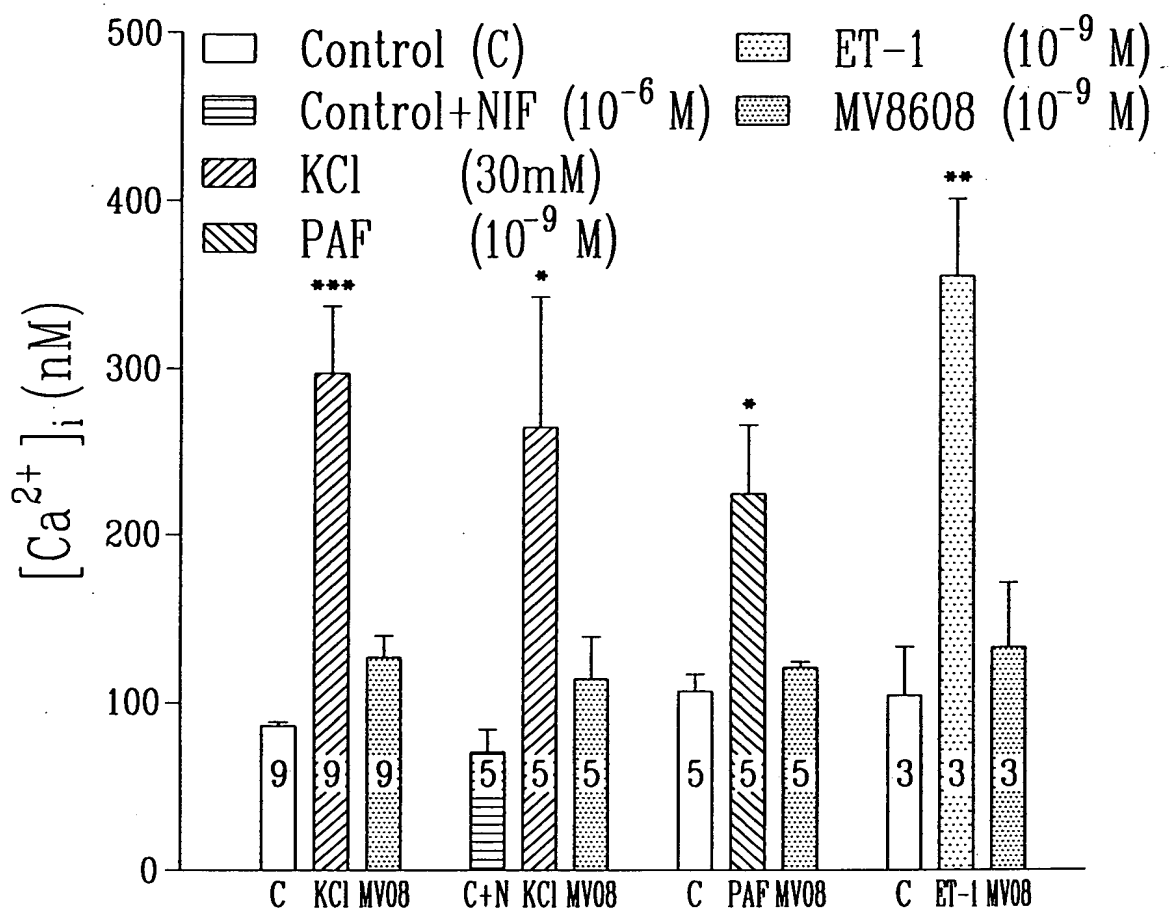
18/59

Fig. 17

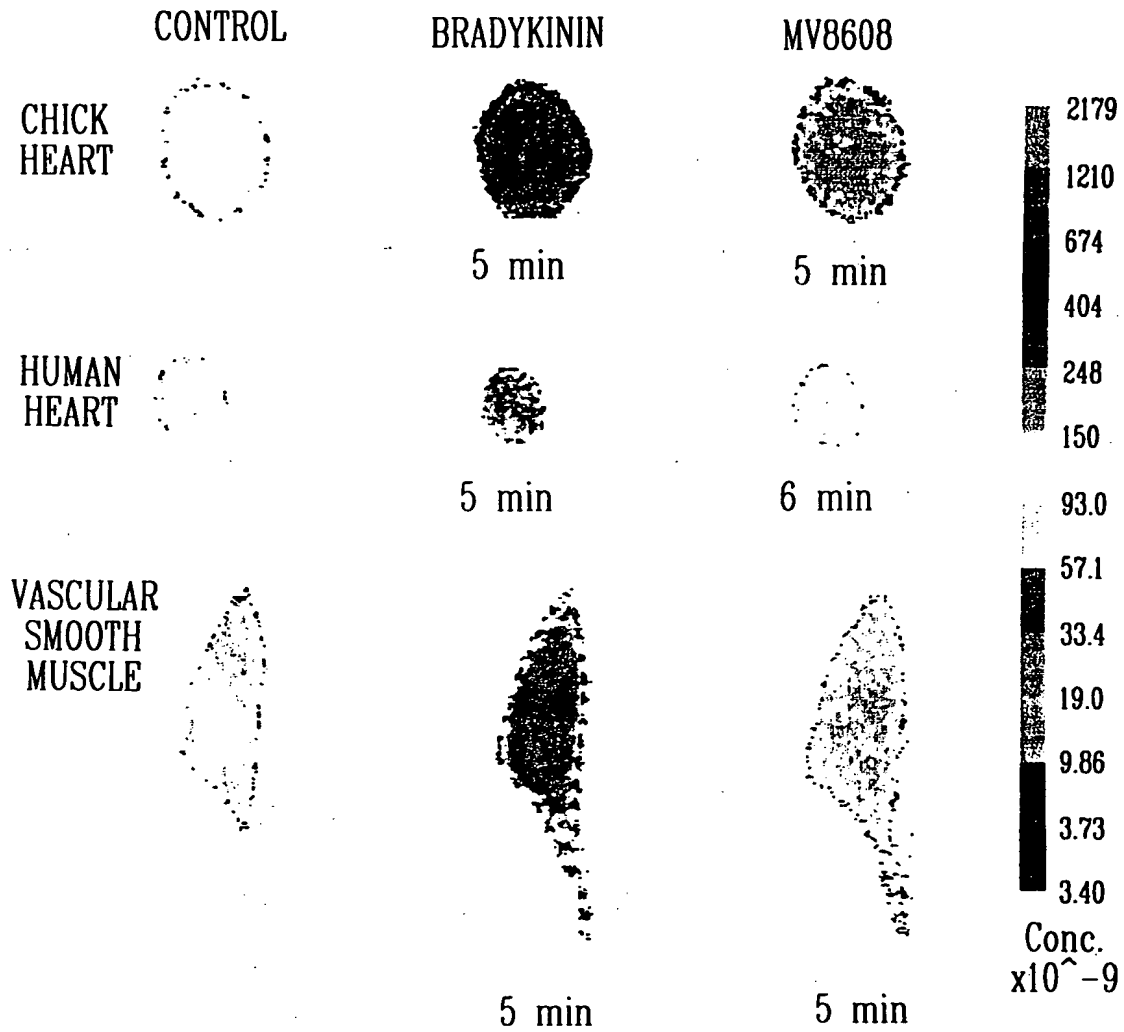
19/59



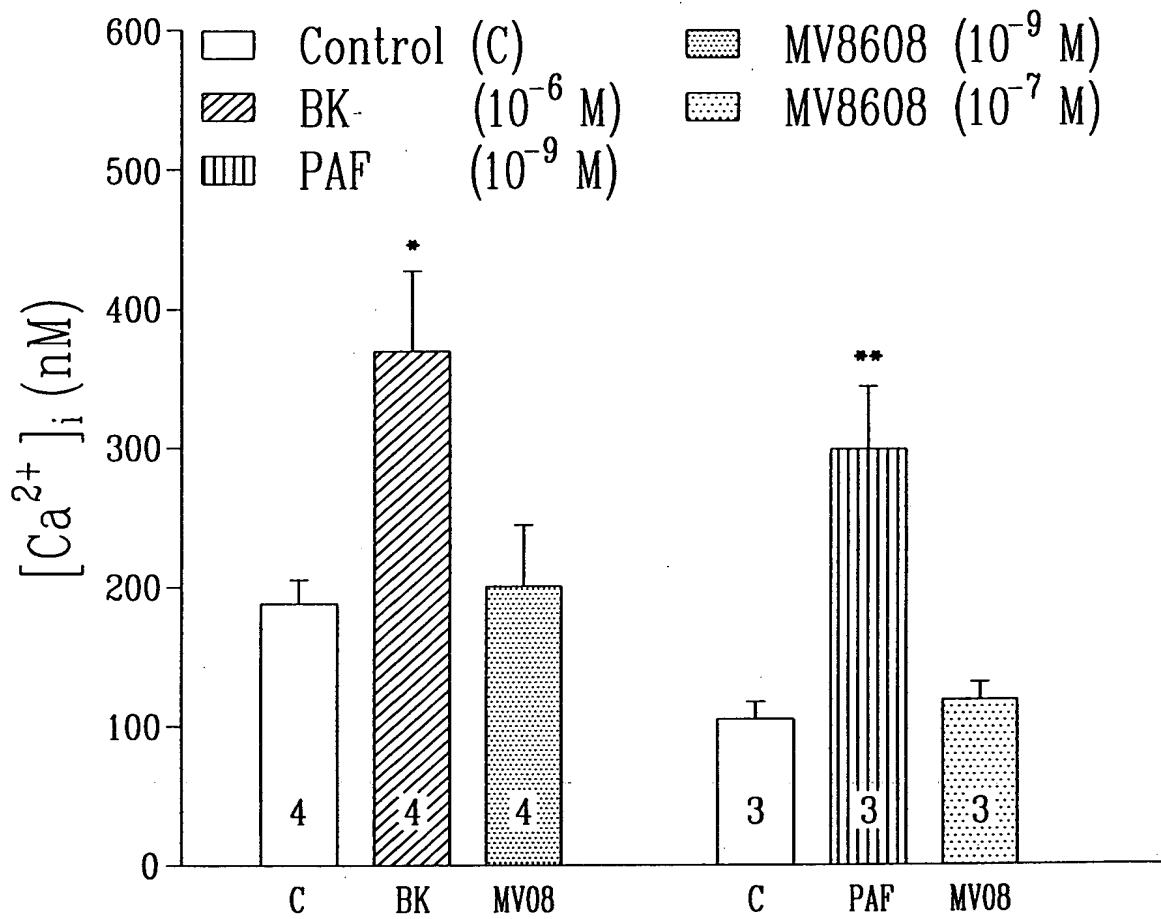
20/59

Fig. 19

21/59



22/59



23/59

HUMAN ENDOTHELIAL CELLS

CONTROL

MV8608
0.5 min

MV8608
2 min

2179

1210

674

404

248

150

93.0

HUMAN VASCULAR SMOOTH MUSCLE

CONTROL

PAF
3 min

MV8608
0.5 min

MV8608
1.5 min

57.1

33.4

19.0

9.86

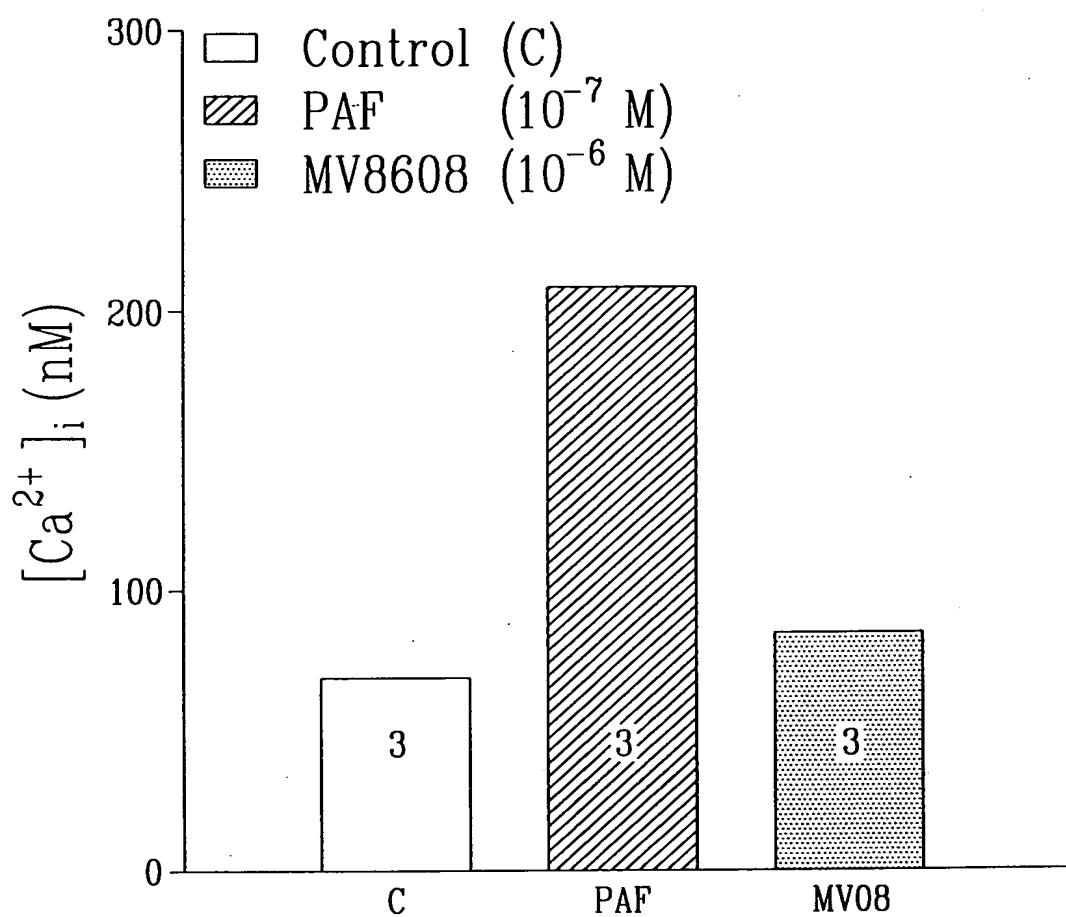
3.73

3.40

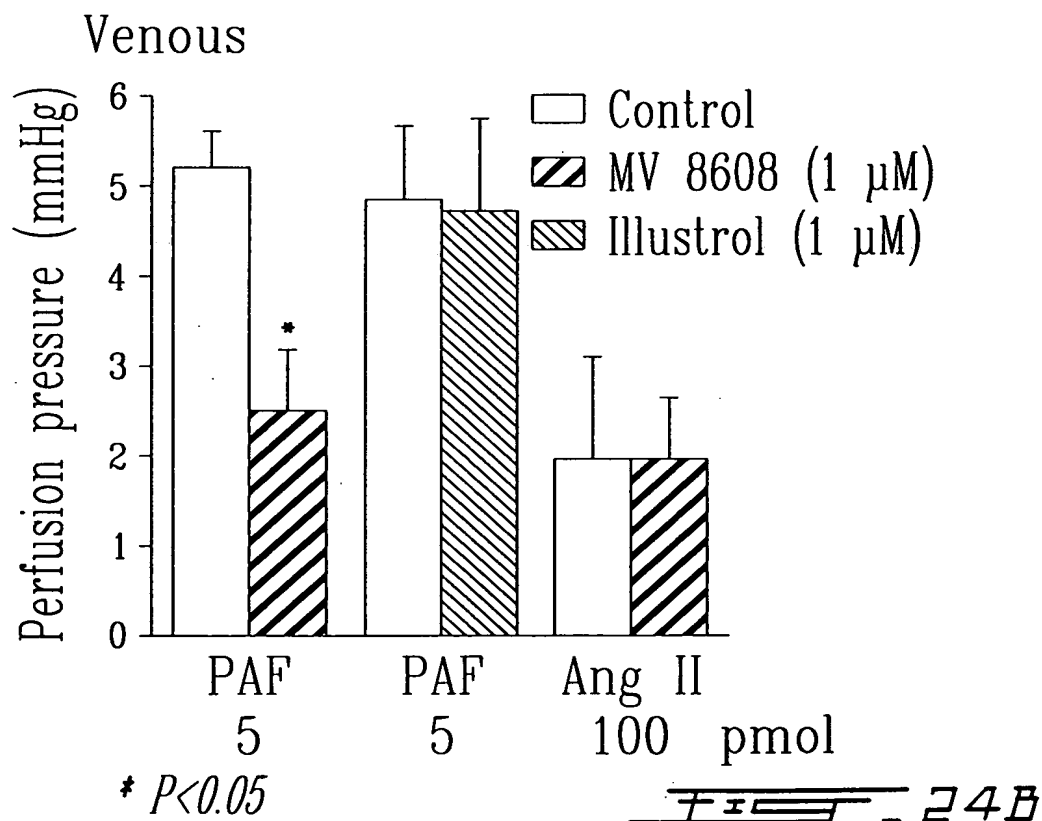
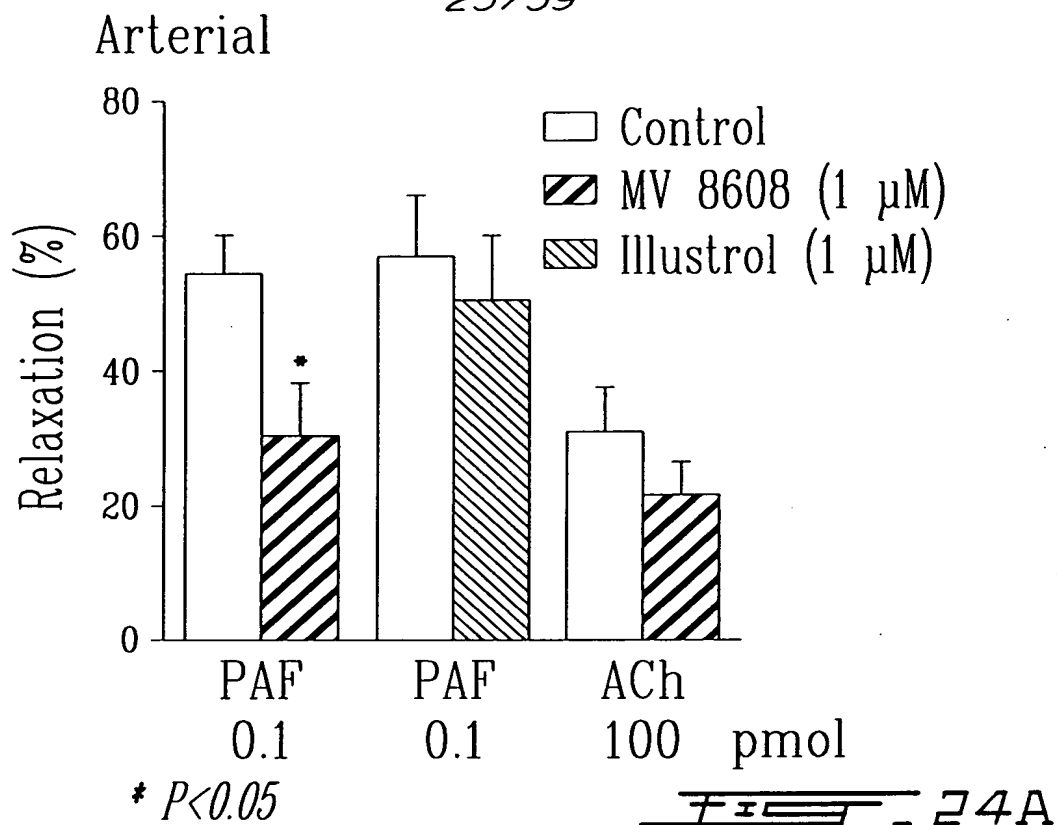
Conc.
x10⁻⁹

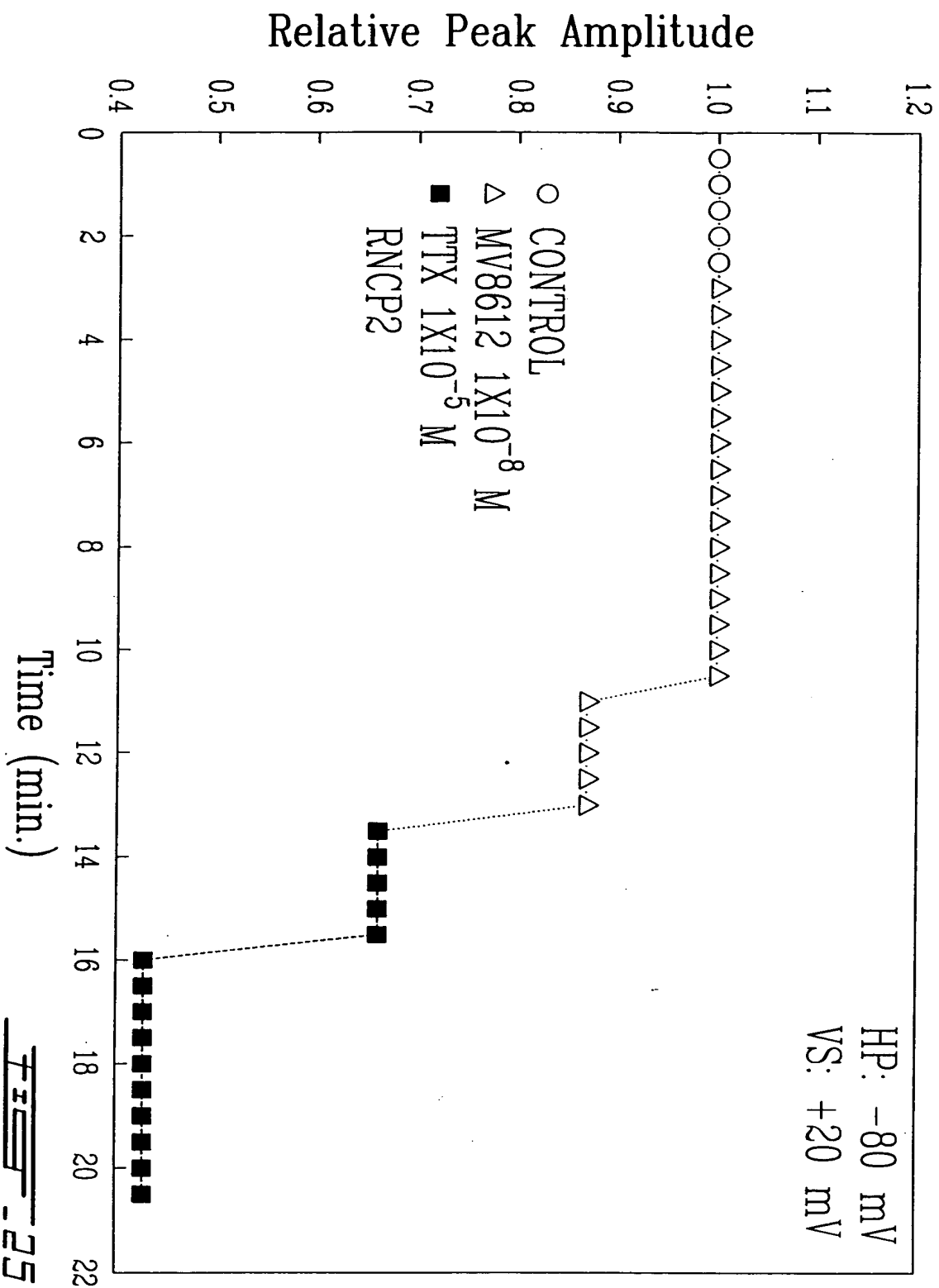
755-22

24/59



25/59

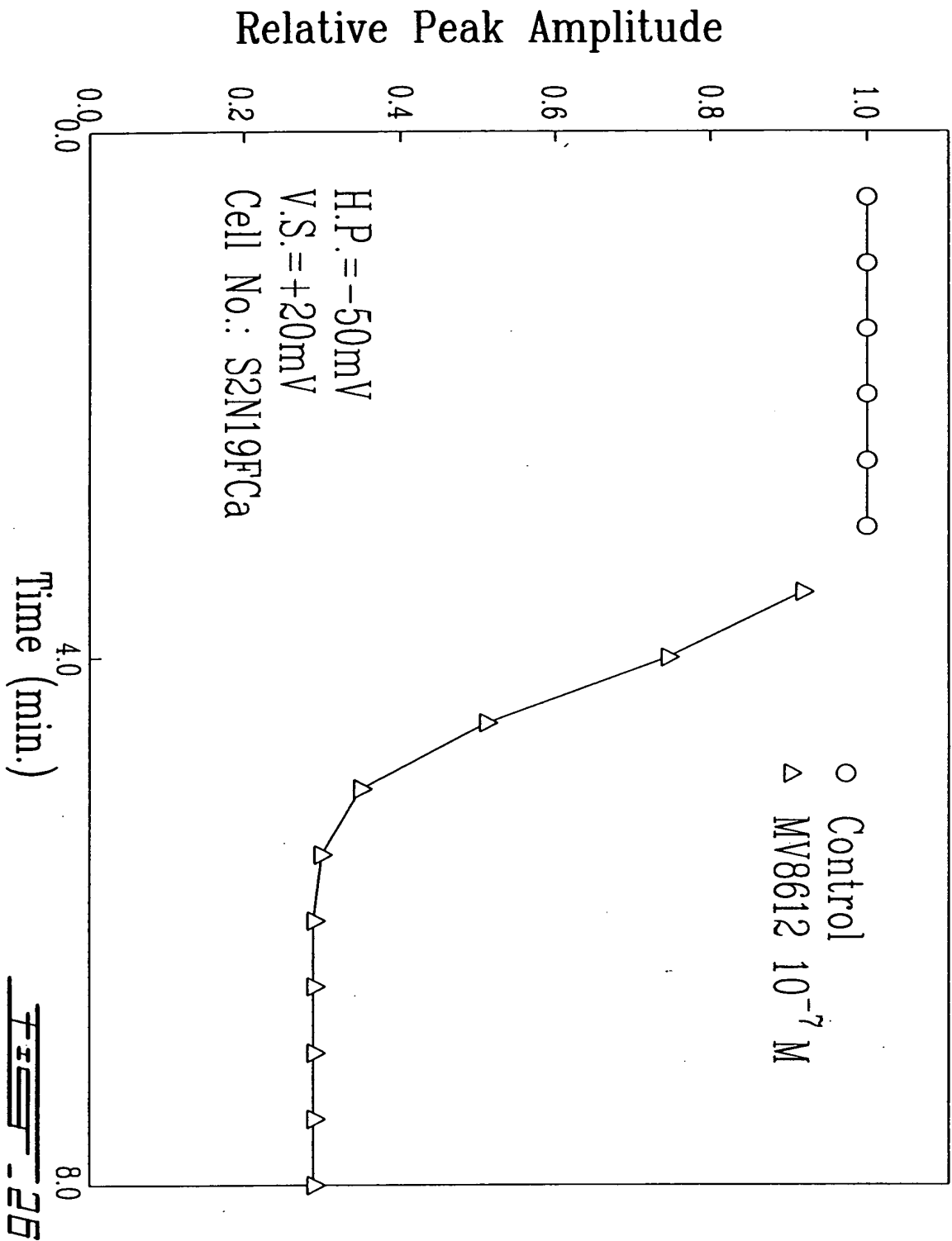




26/59

09/509462

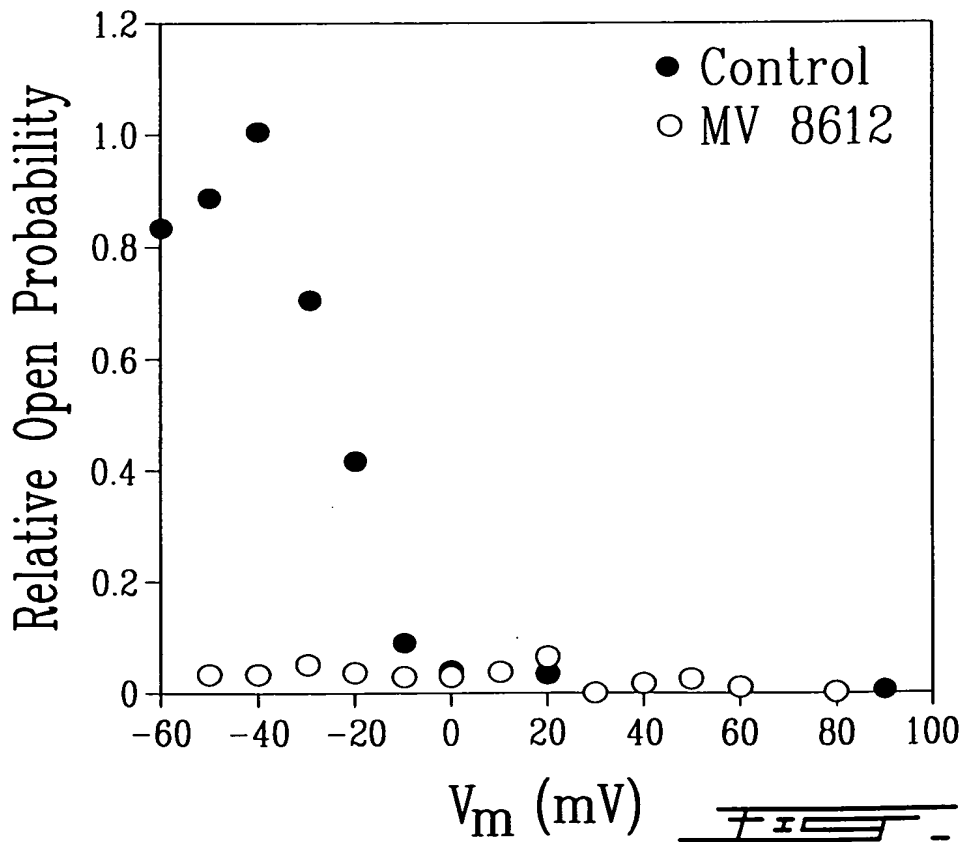
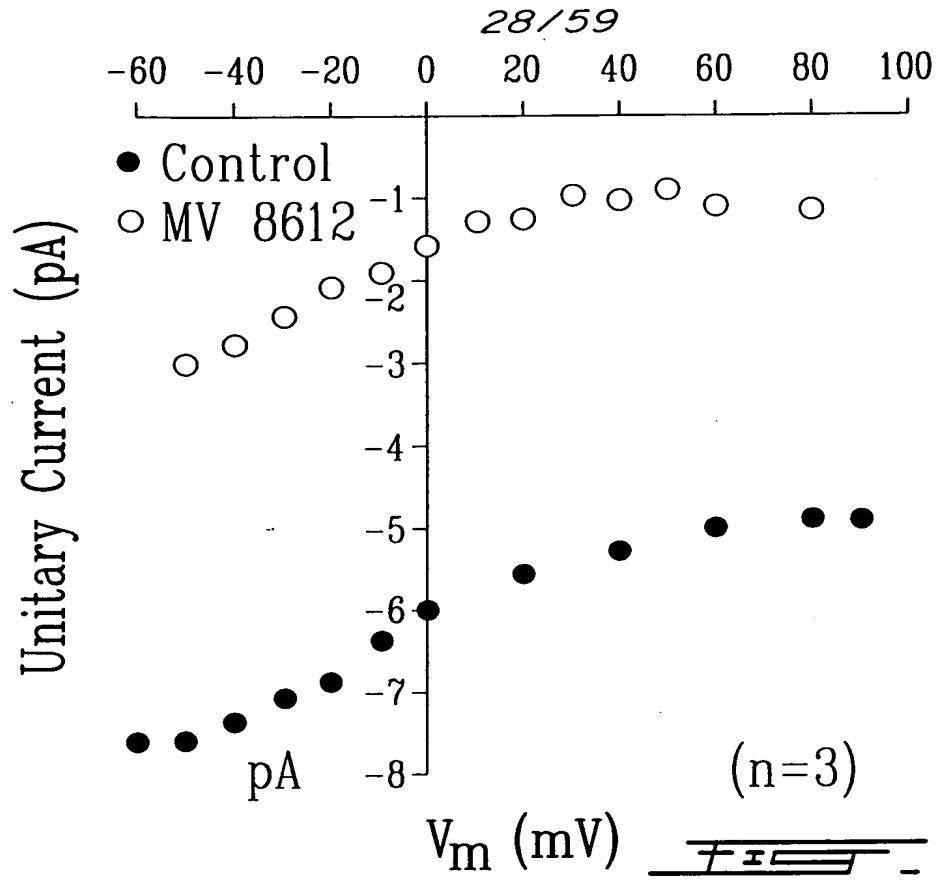
09509462 072000



27/59

09/509462

09503452 072000



Control

H.P. = -30mV



100 msec

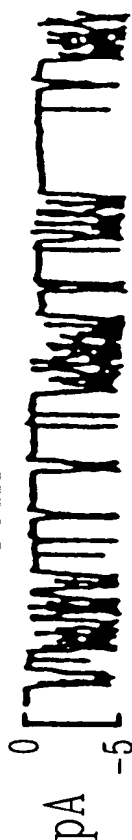
MV8612 10^{-7} M (intrapipette)



27C

Control

H.P. = -30mV



100 msec

MV8612 10^{-7} M (extrapipette)

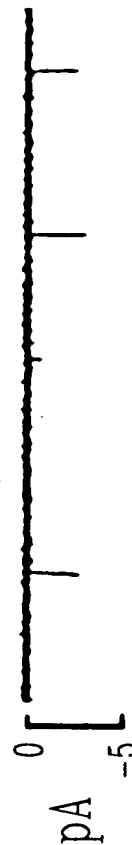


27D

29/59

Control

H.P. = +10mV

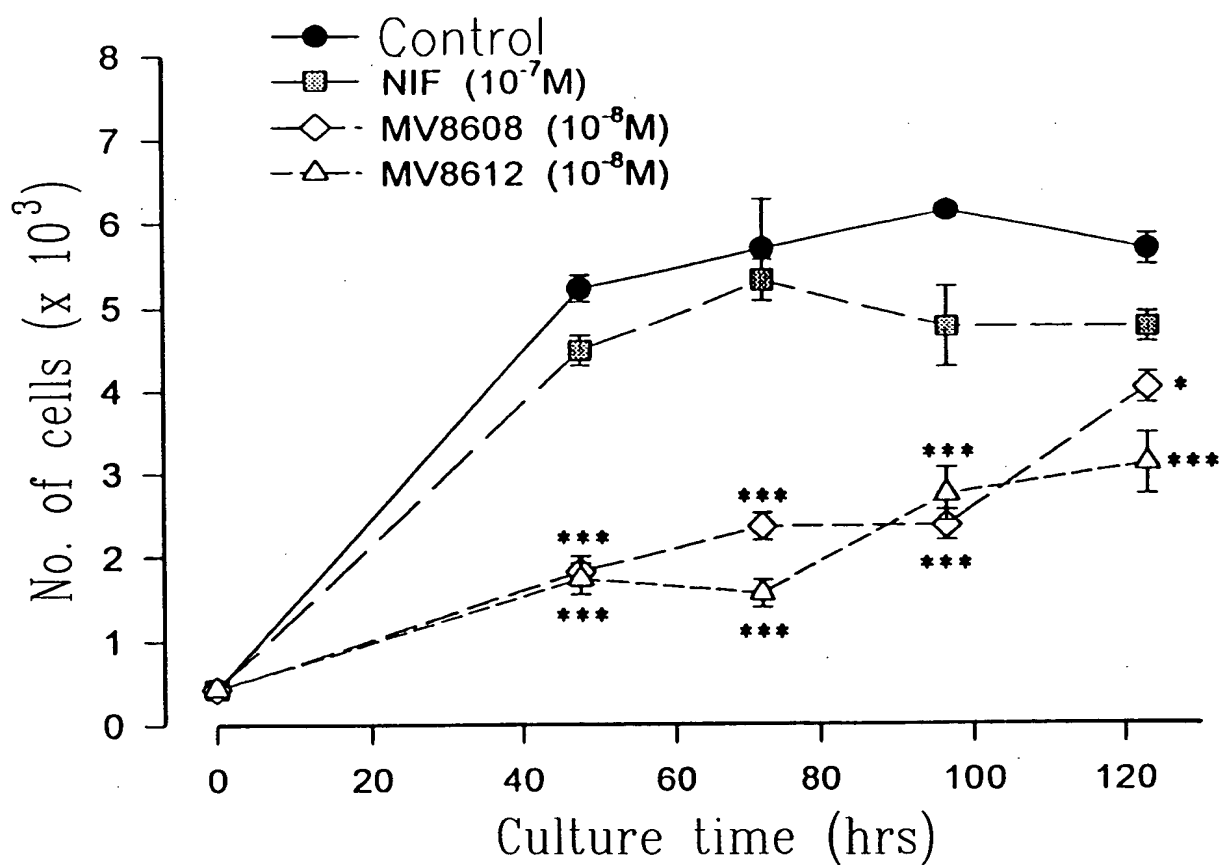


MV8612 10^{-7} M (extrapipette)

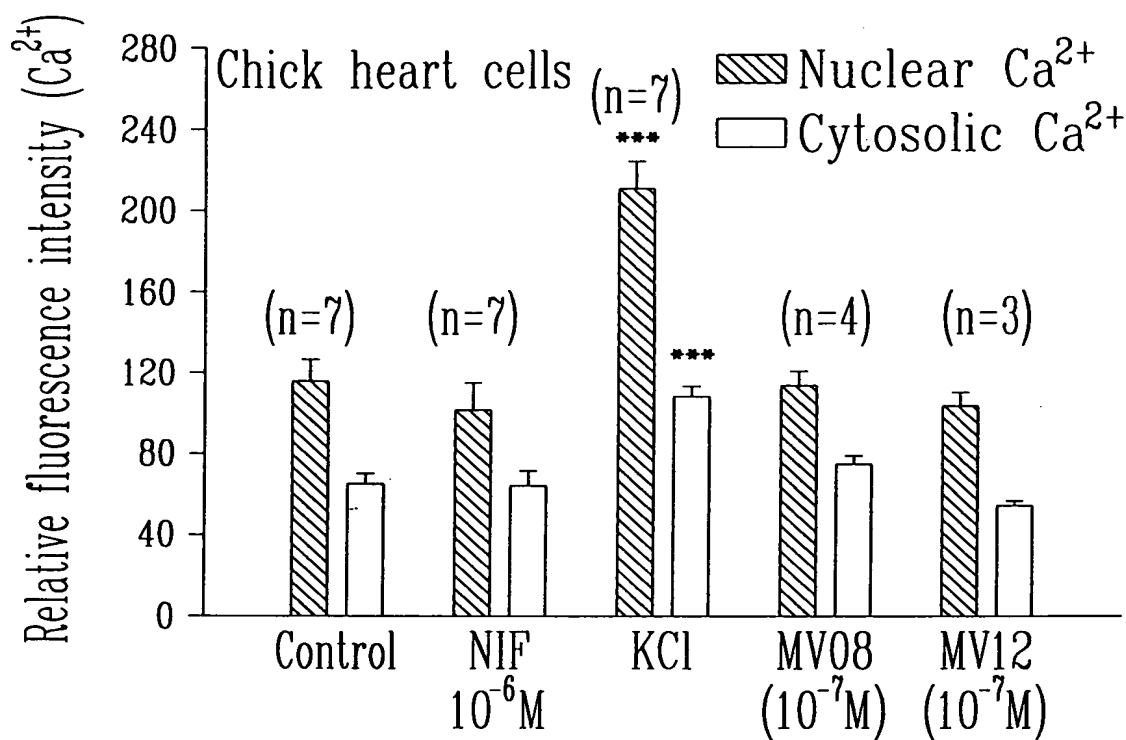
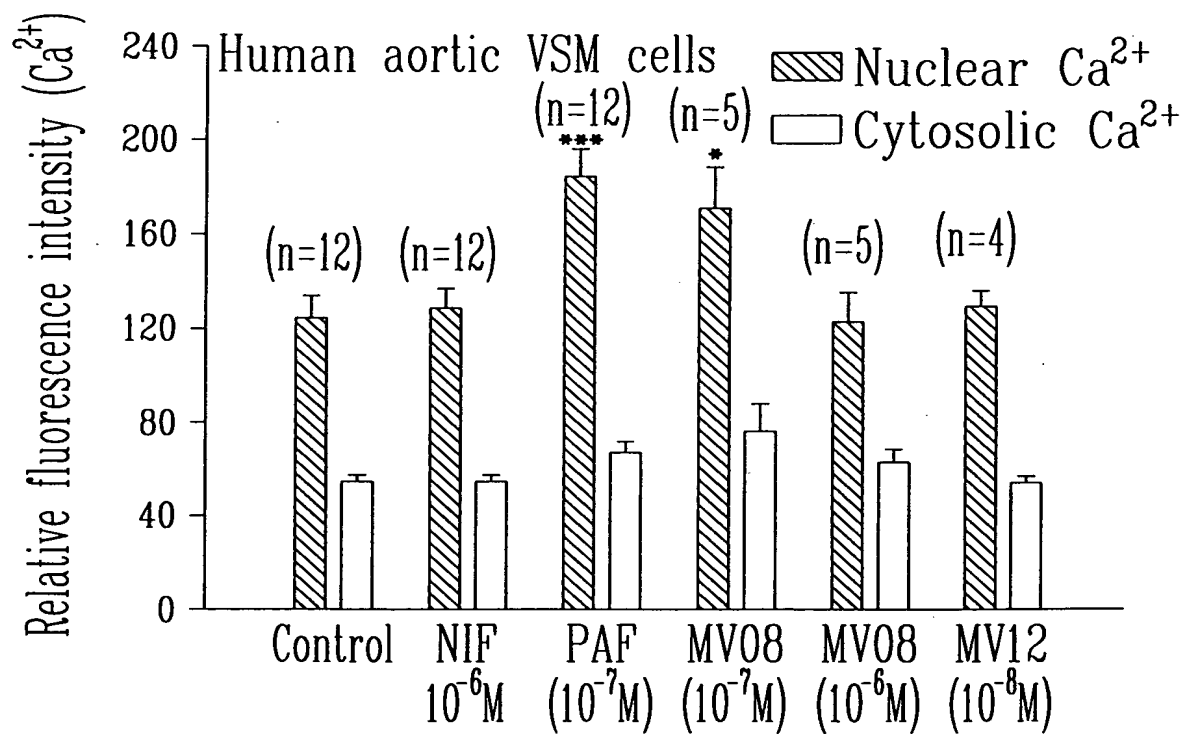


27E

30/59



31/59

Figure 29AFigure 29B

32/59

Chick heart cells



Control



NIF $10^{-6}M$



KCl



MV08 $10^{-7}M$



Nuclear staining

Human aortic VSM cells



Control



NIF $10^{-6}M$



PAF $10^{-7}M$



MV12 $10^{-8}M$



0

255

Fig - 30

33/59

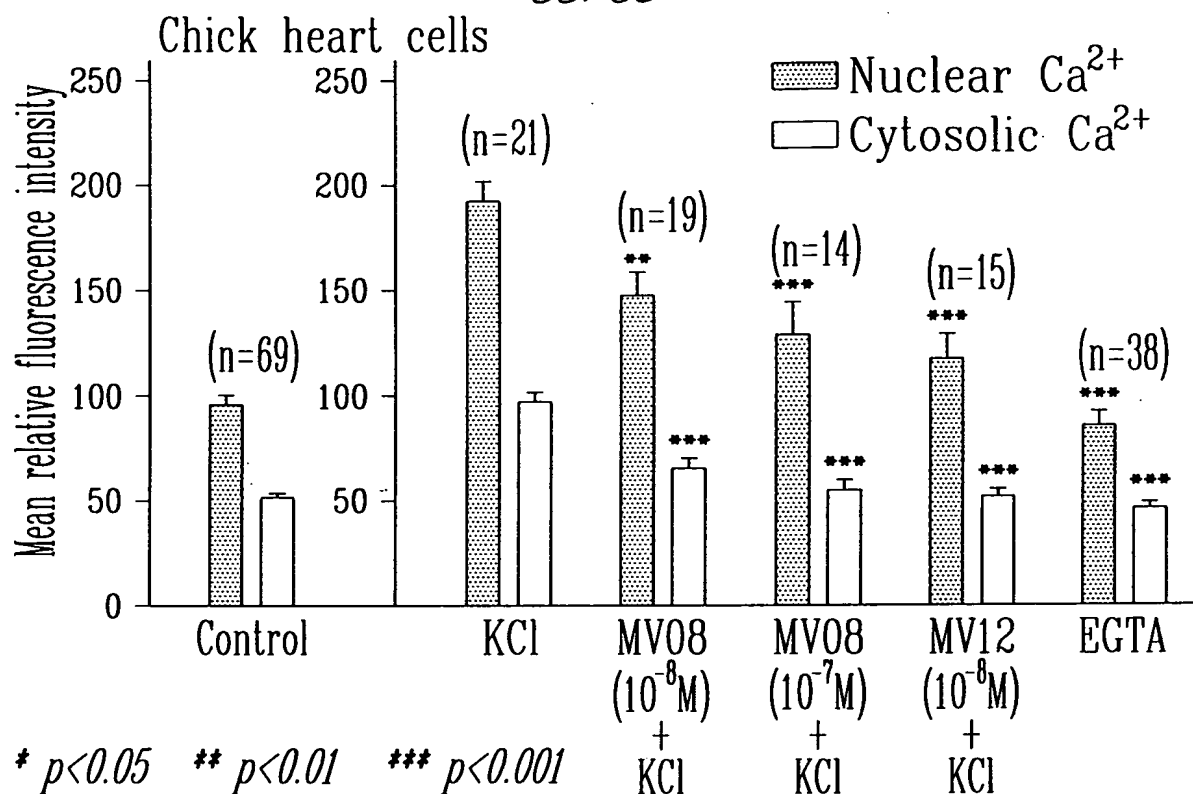


Fig. 31A

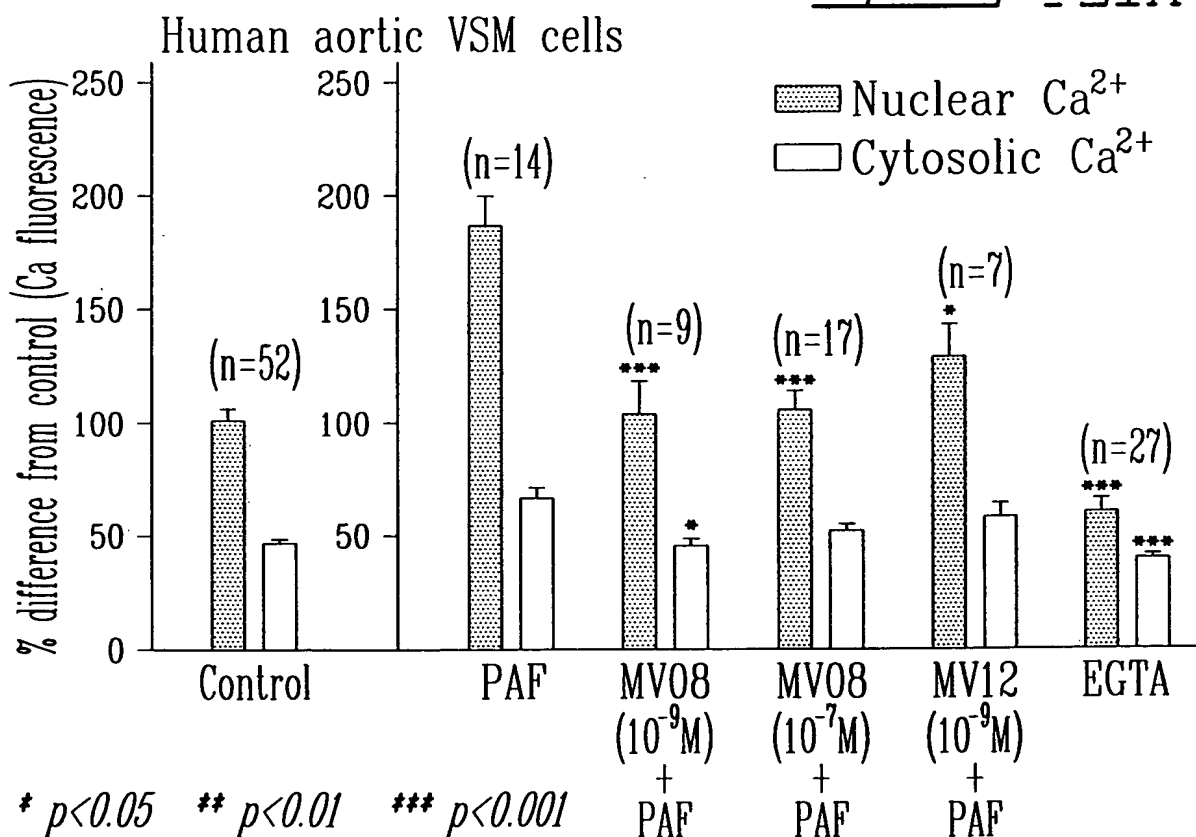
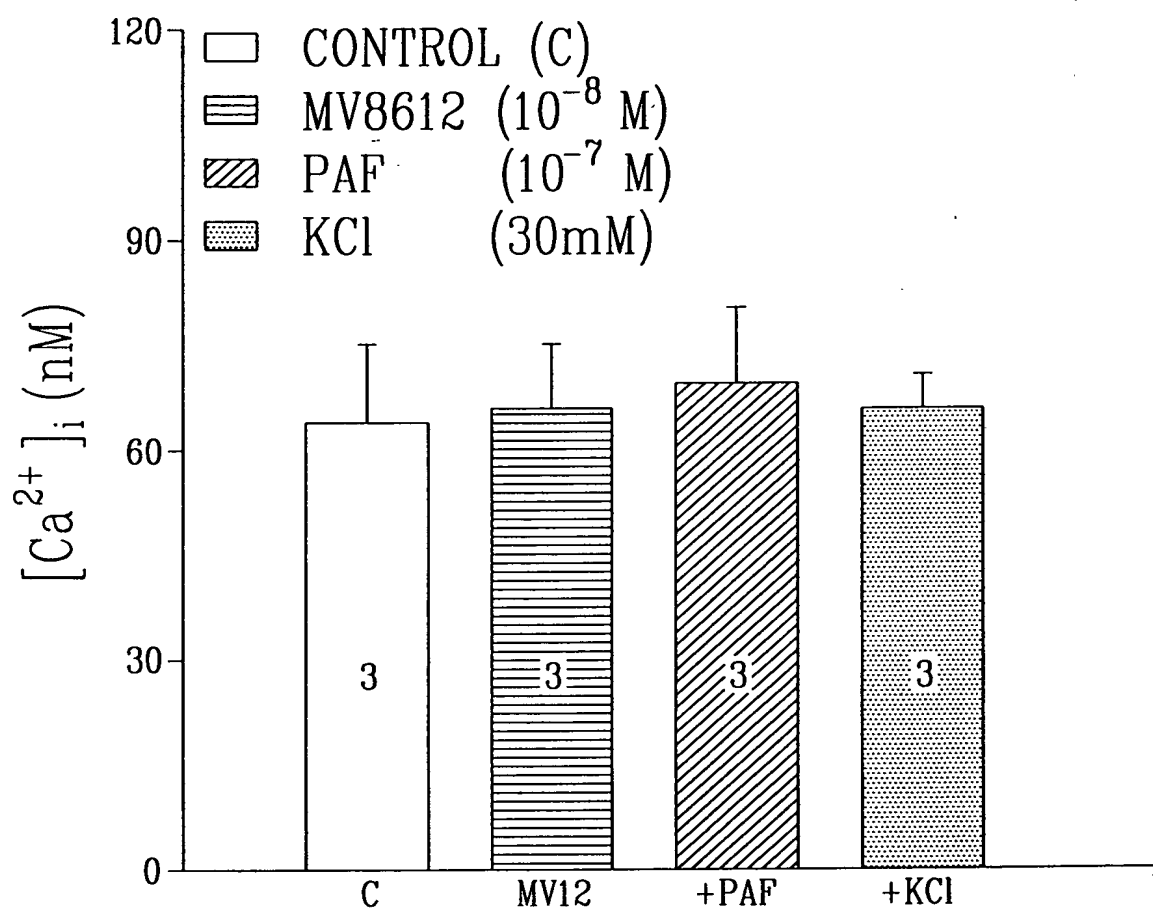
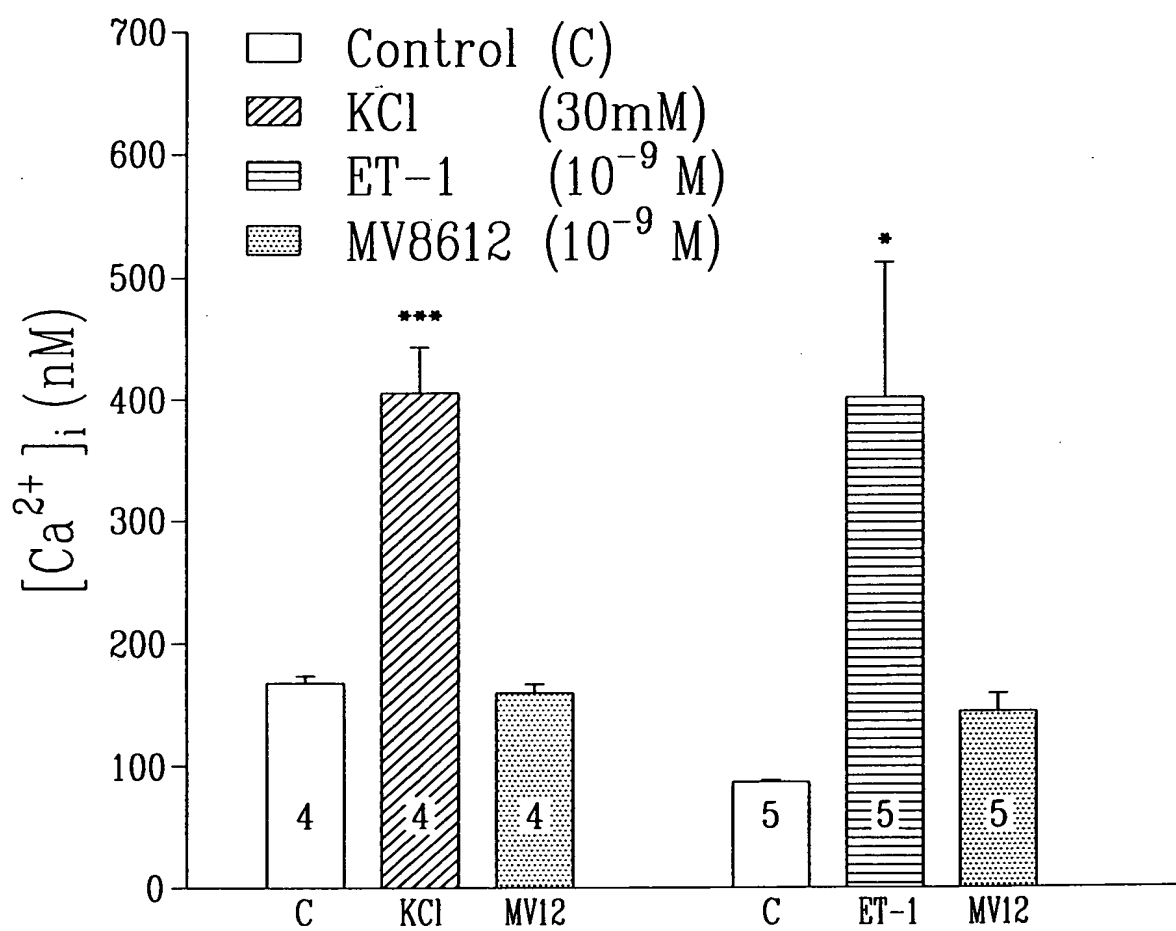


Fig. 31B

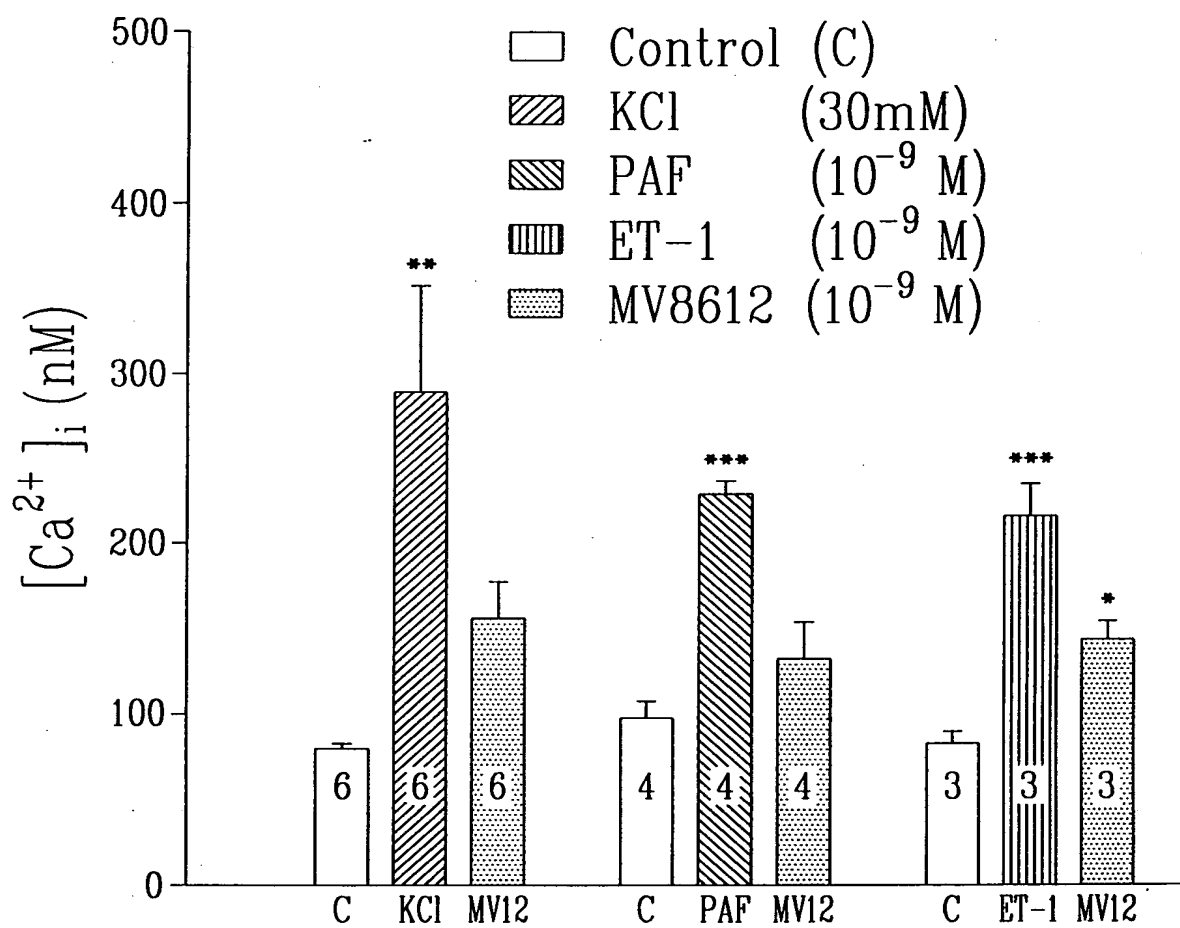
34/59

FIG. 32

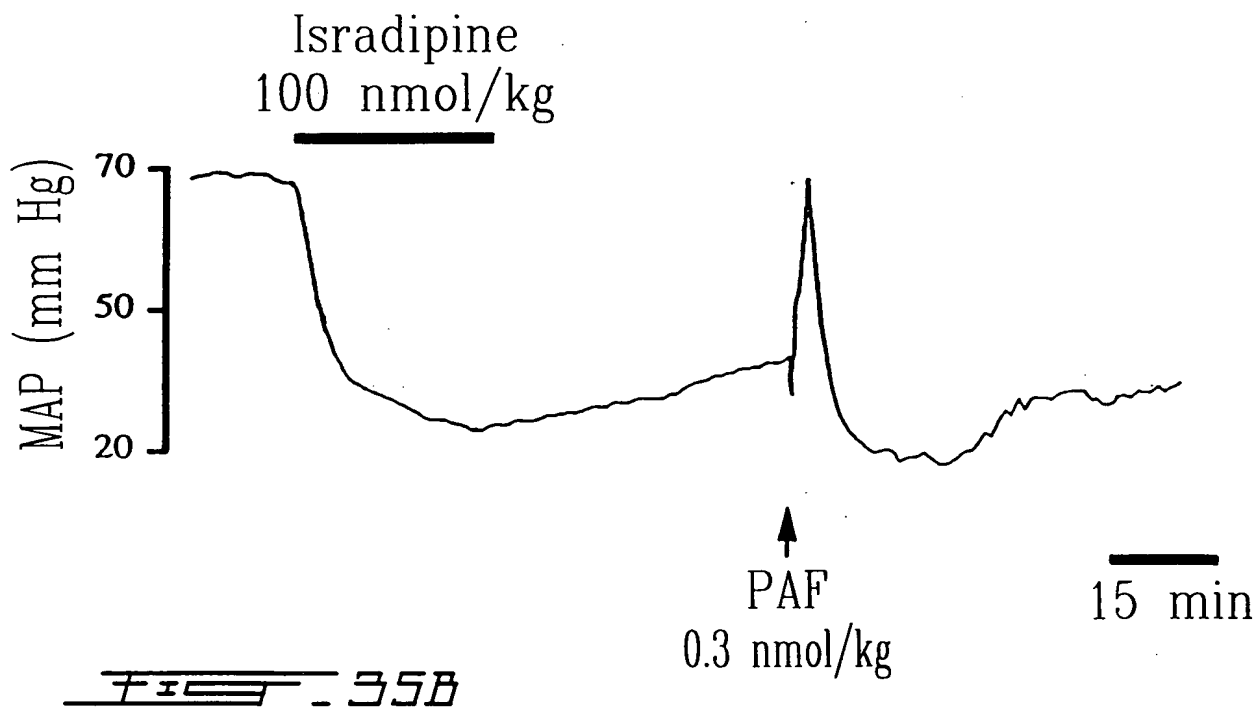
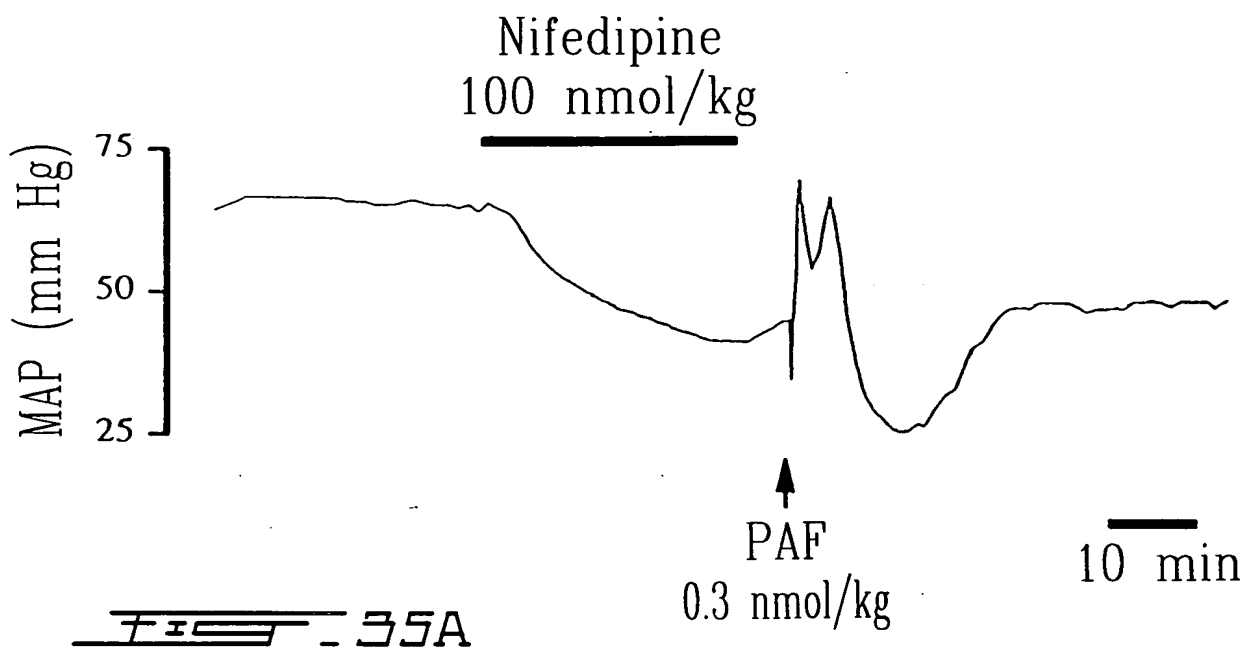
35/59



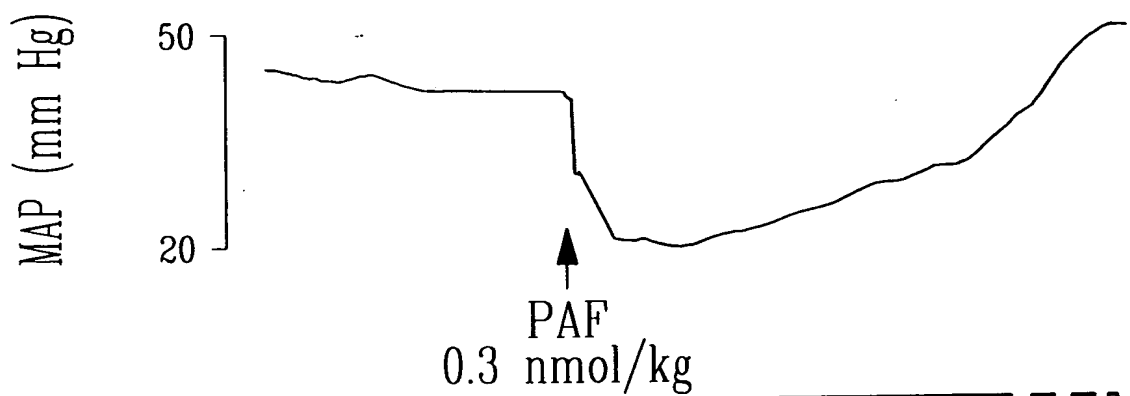
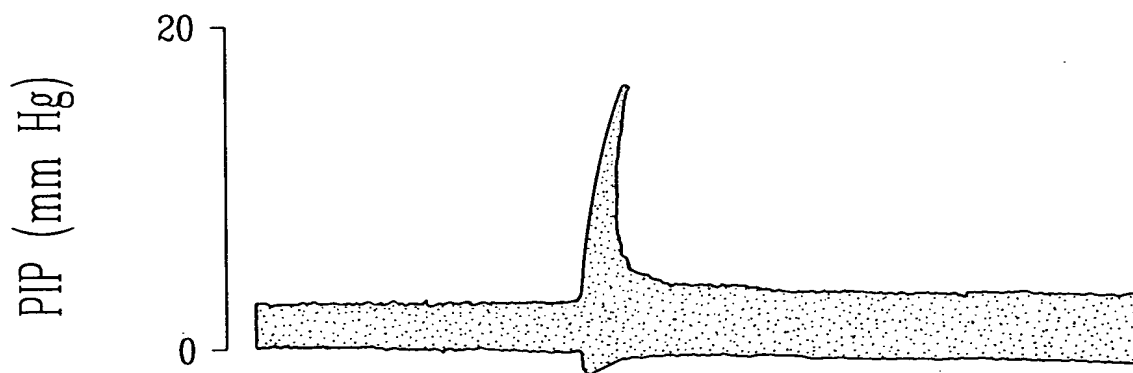
36/59



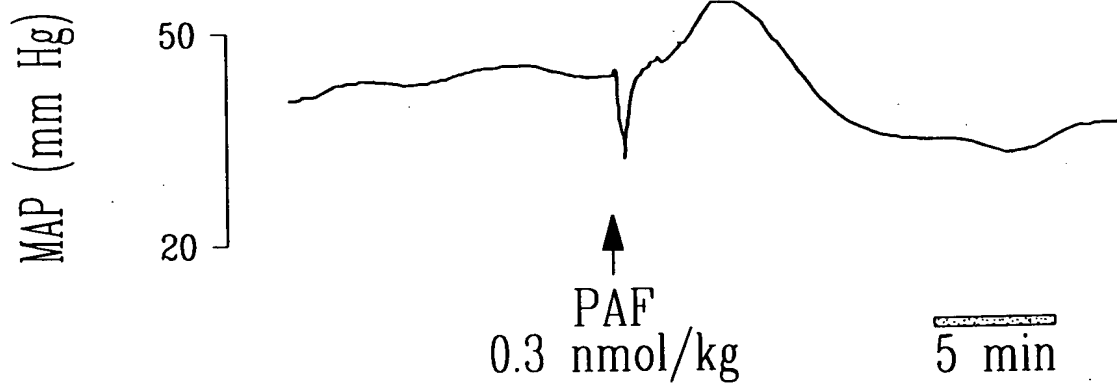
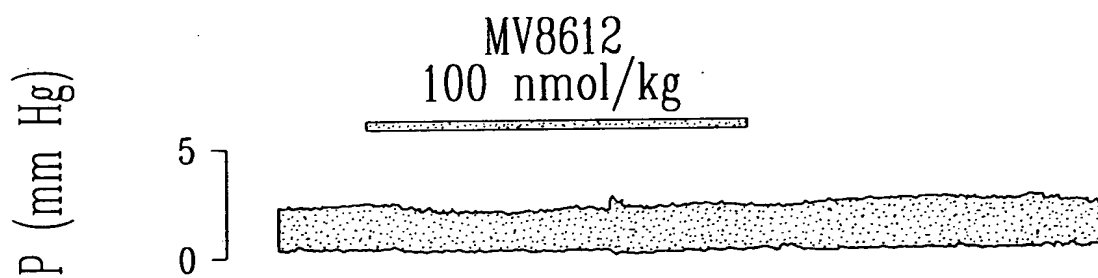
37/59



38/59

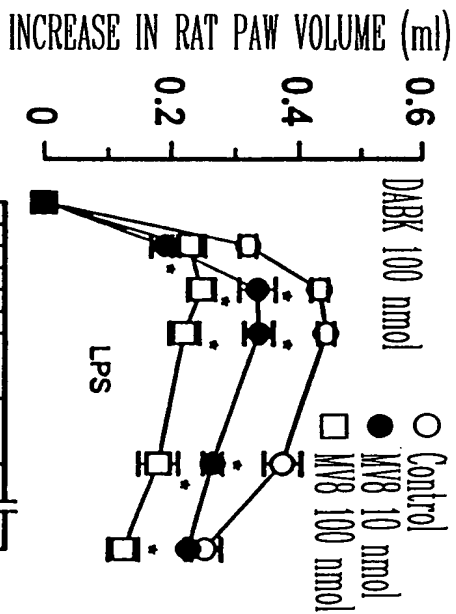


FIS-36A



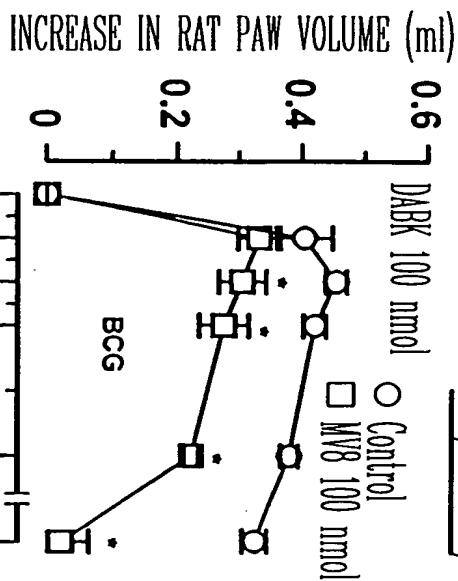
5 min

FIS-36B



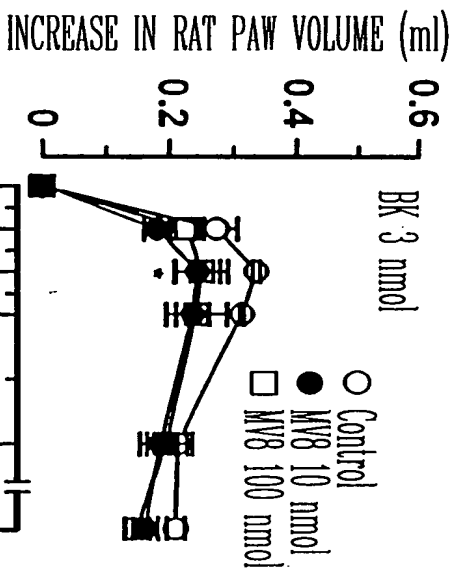
TIME AFTER INJECTION (min)

Fig. 37A



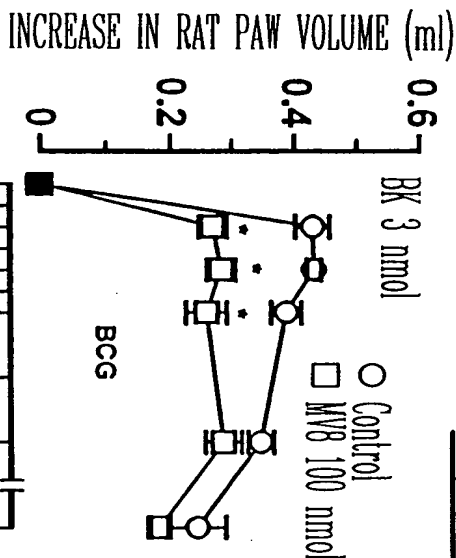
TIME AFTER INJECTION (min)

Fig. 37C



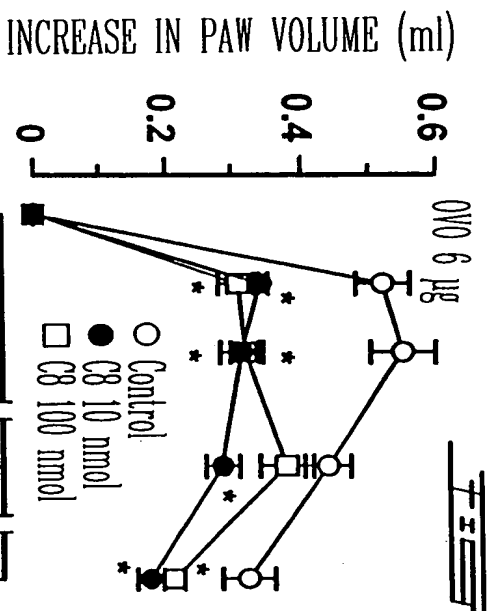
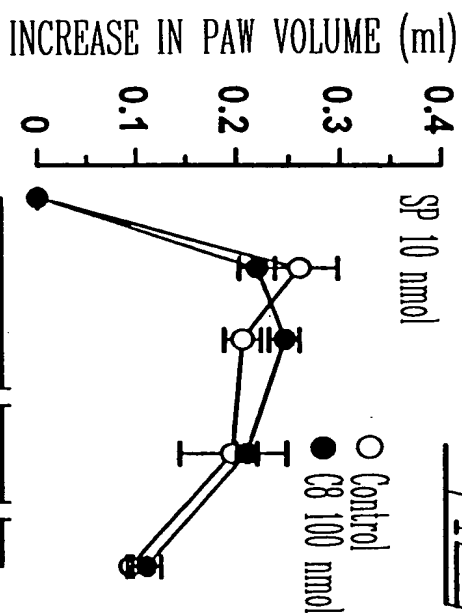
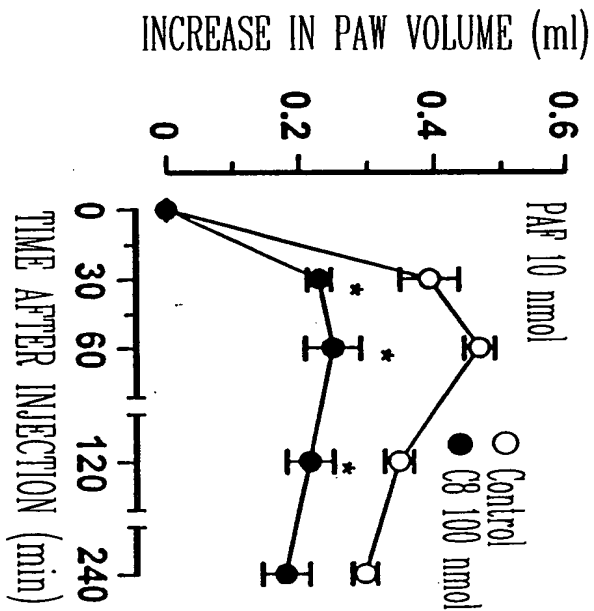
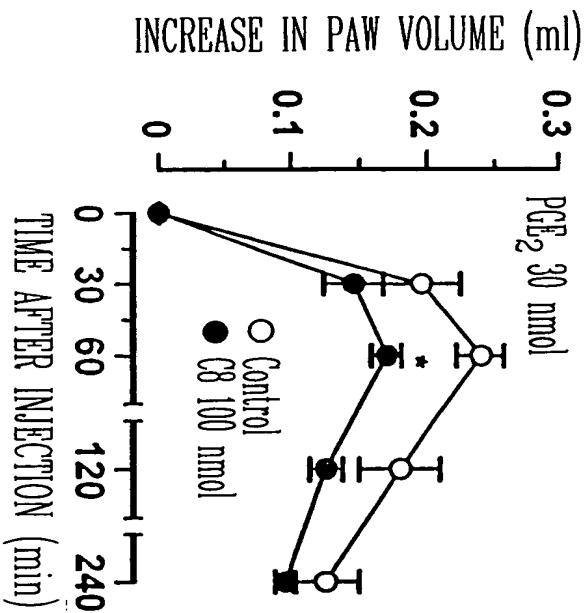
TIME AFTER INJECTION (min)

Fig. 37B



TIME AFTER INJECTION (min)

Fig. 37D



40/59

Fig. 38C

Fig. 38D

09/509462 072000

09/509462

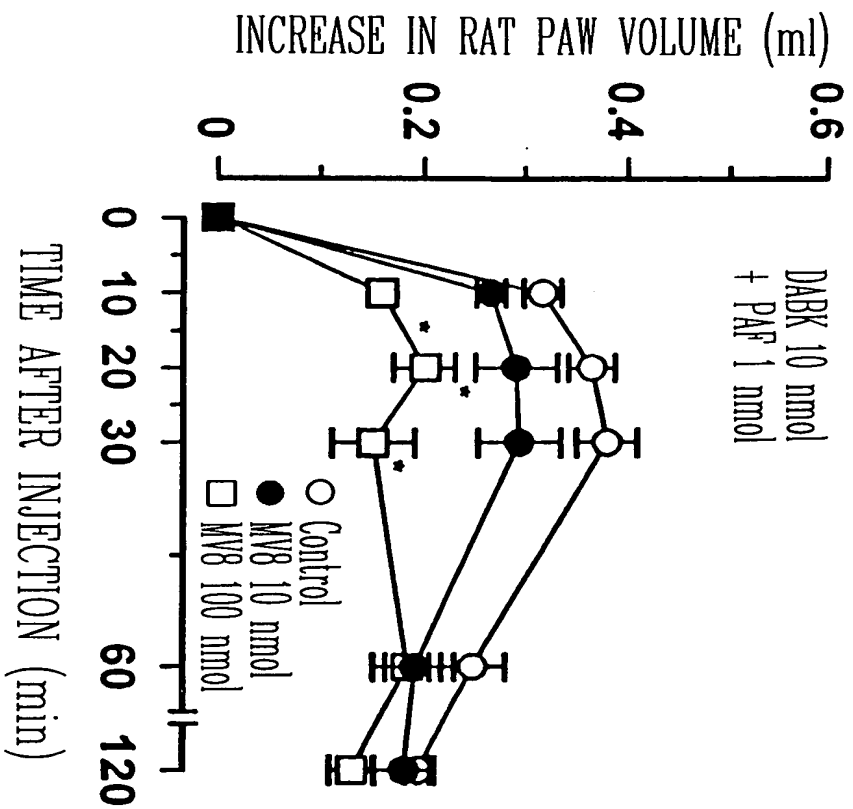


Fig. 39A

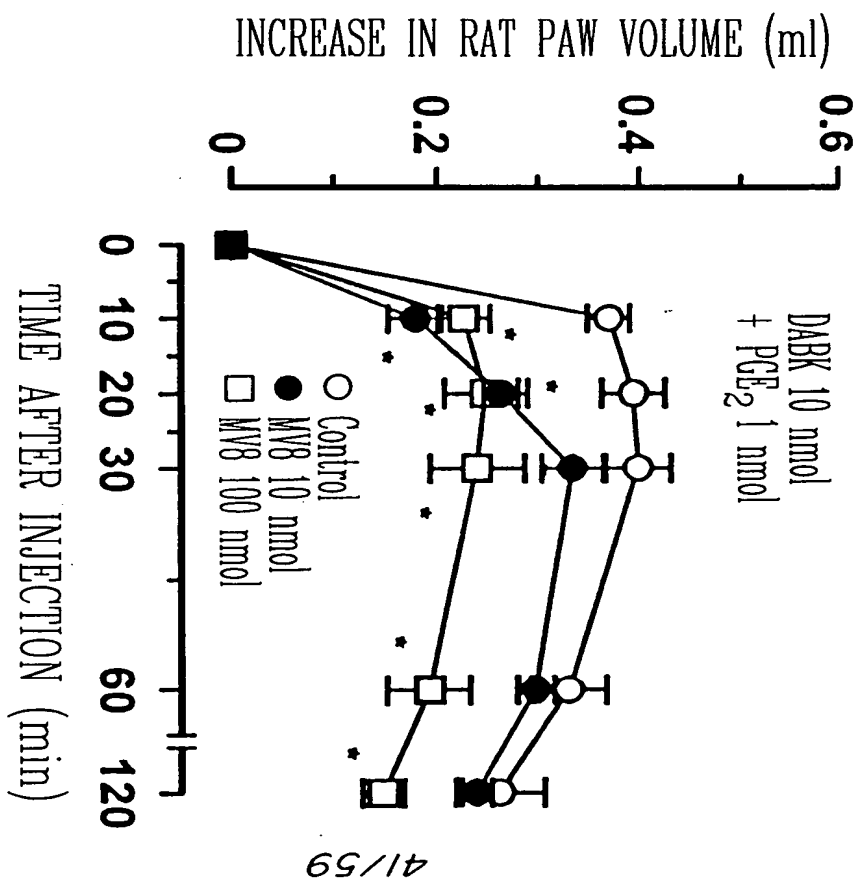
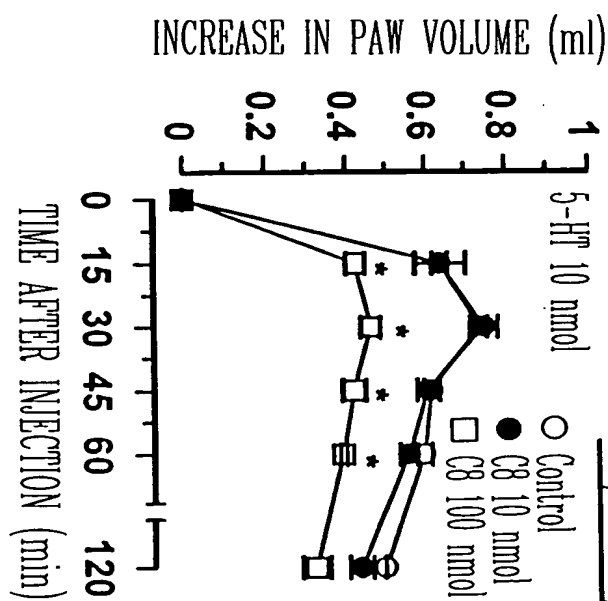
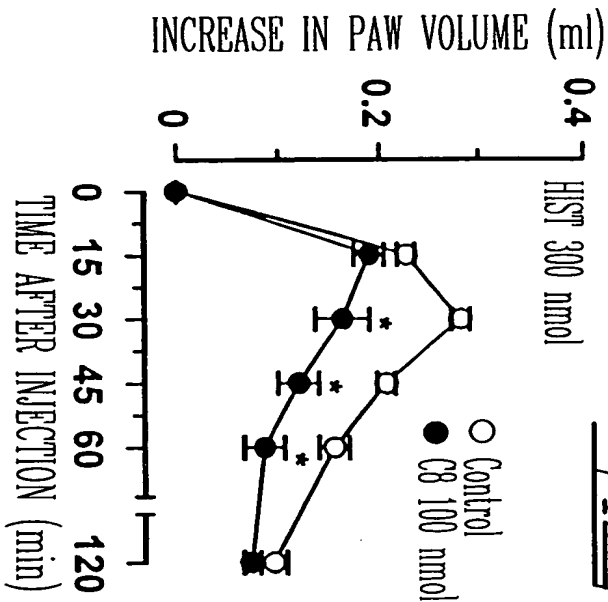
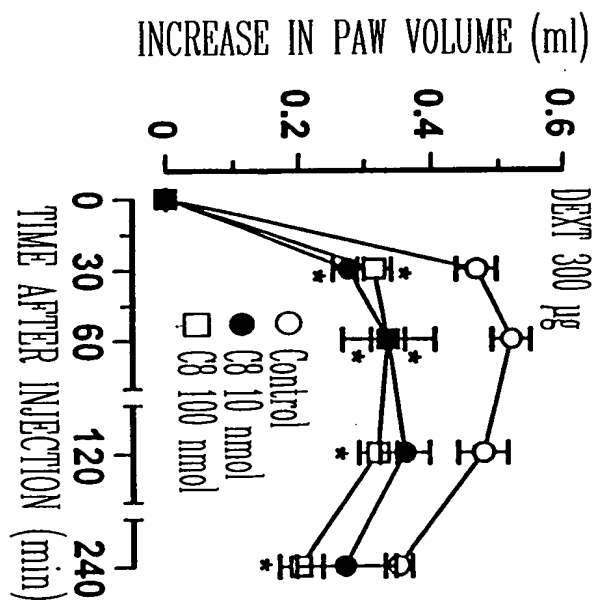
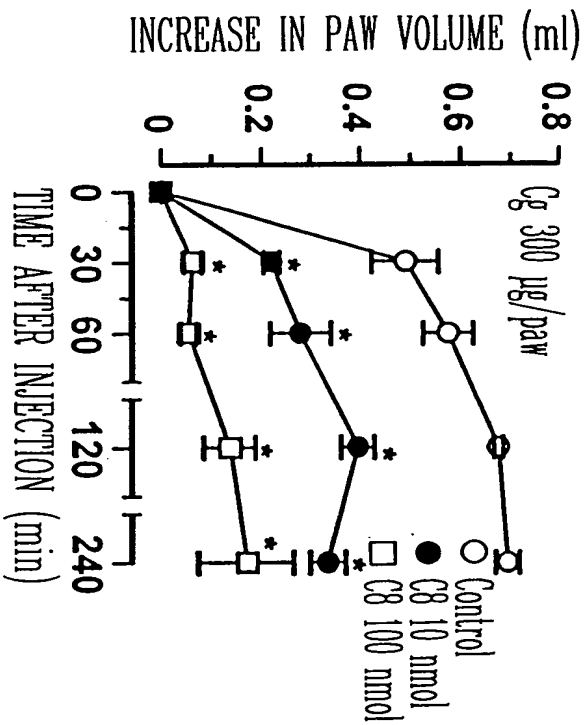


Fig. 39B

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09/509462



42/59

09/509462

09509462 072000

40C

40D

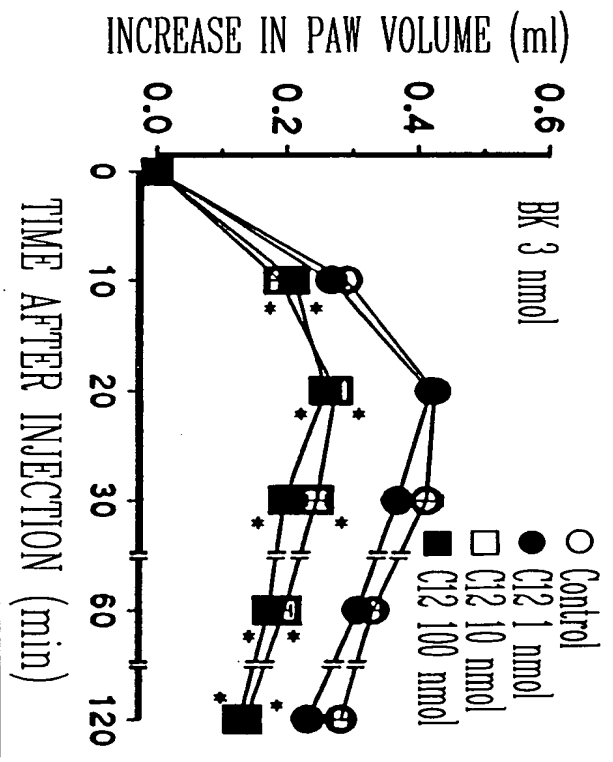


Fig. 41A

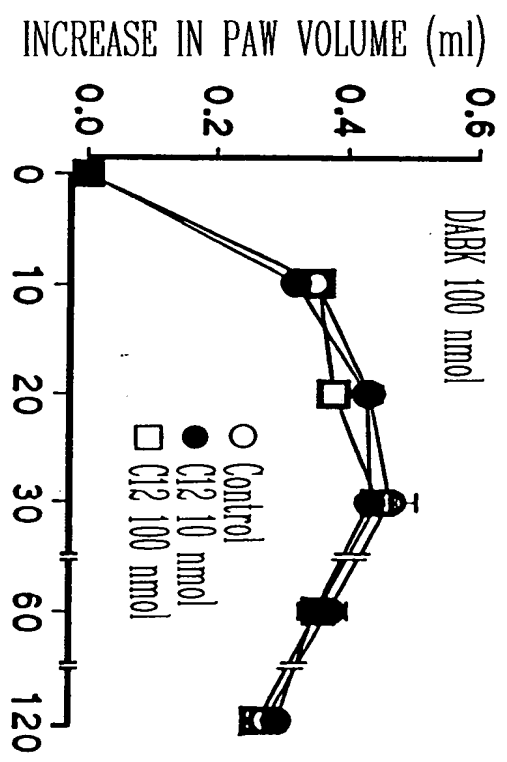


Fig. 41B

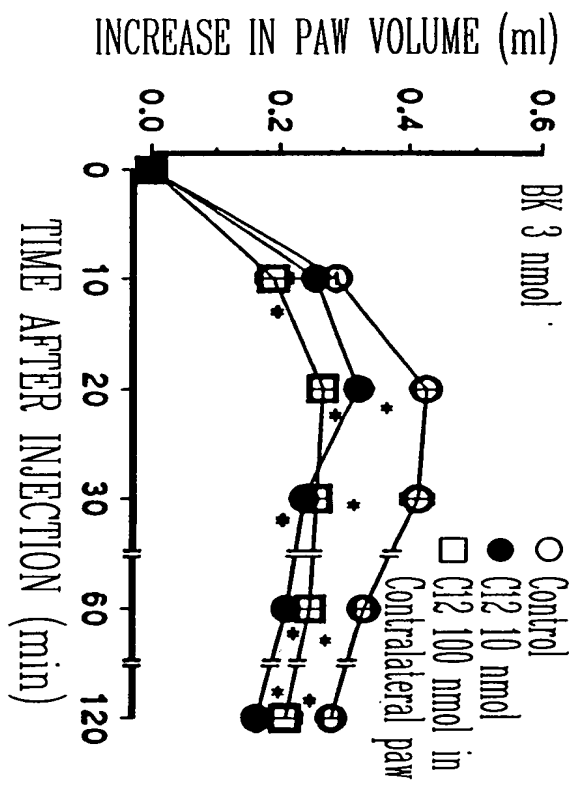


Fig. 41C

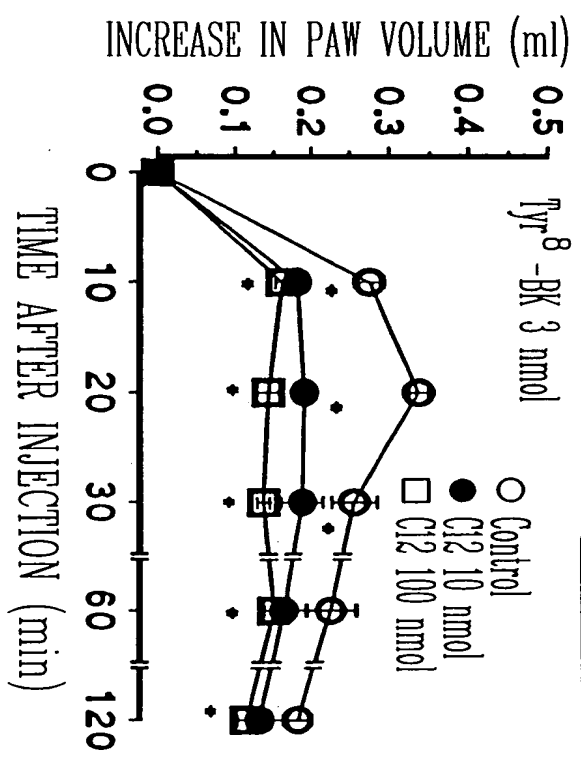


Fig. 41D

43/59

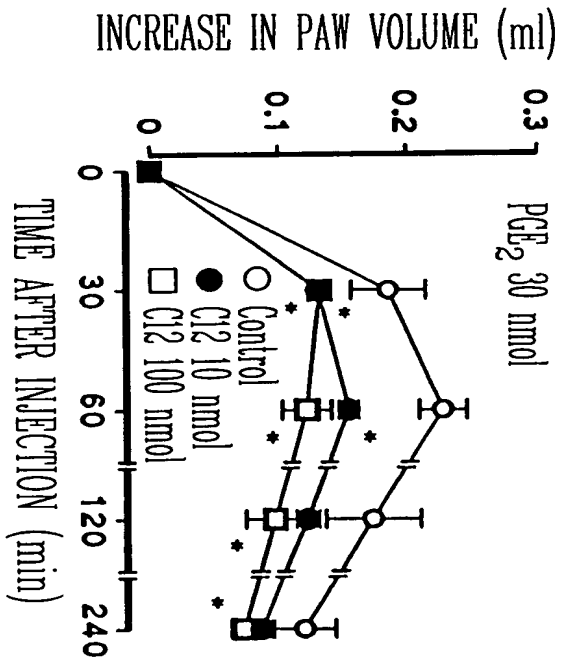


Fig. 42A

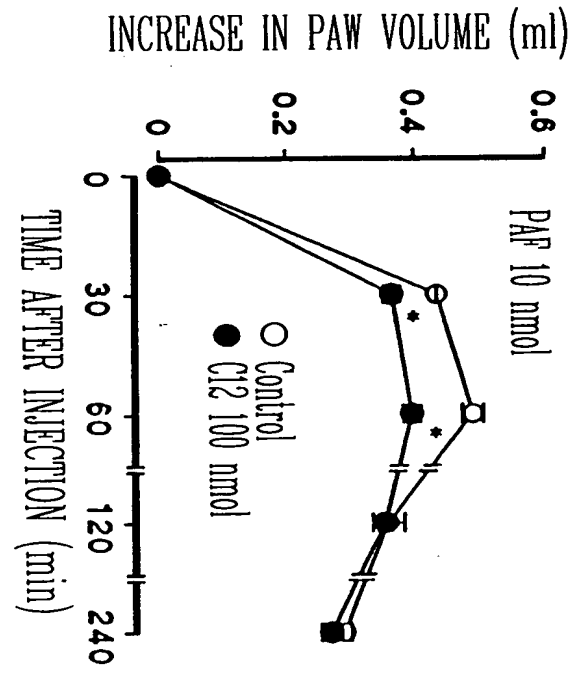


Fig. 42B

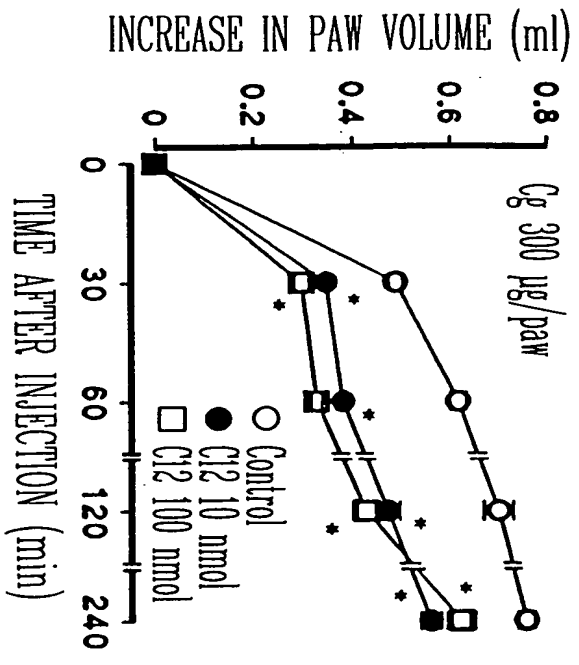


Fig. 42C

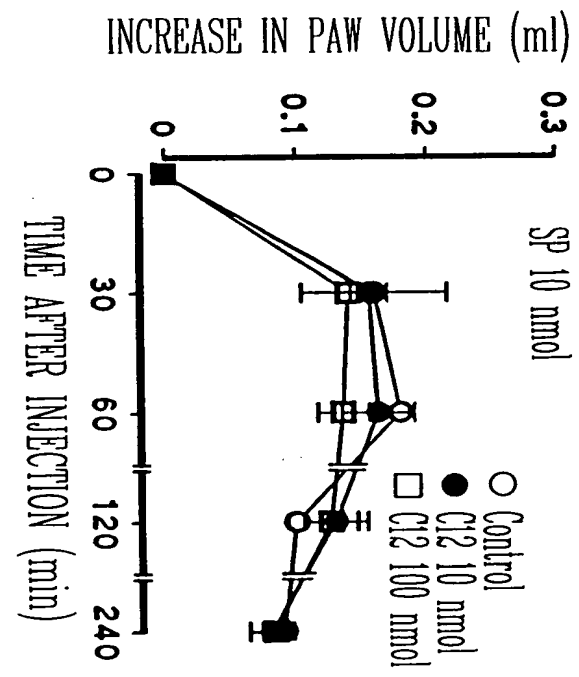


Fig. 42D

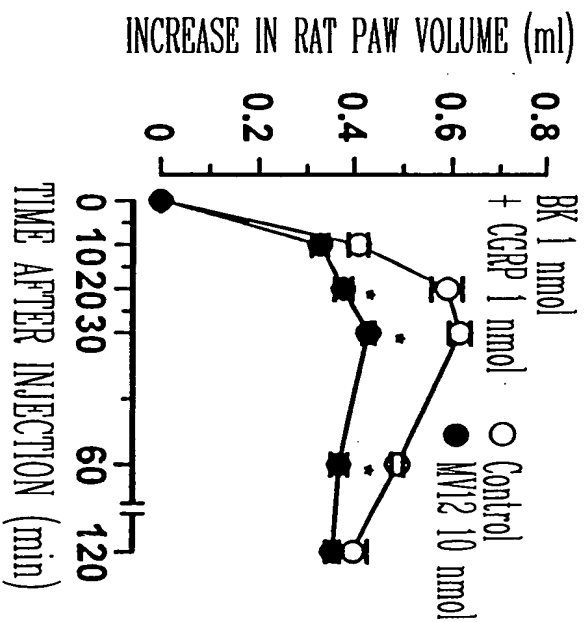


Figure 43A

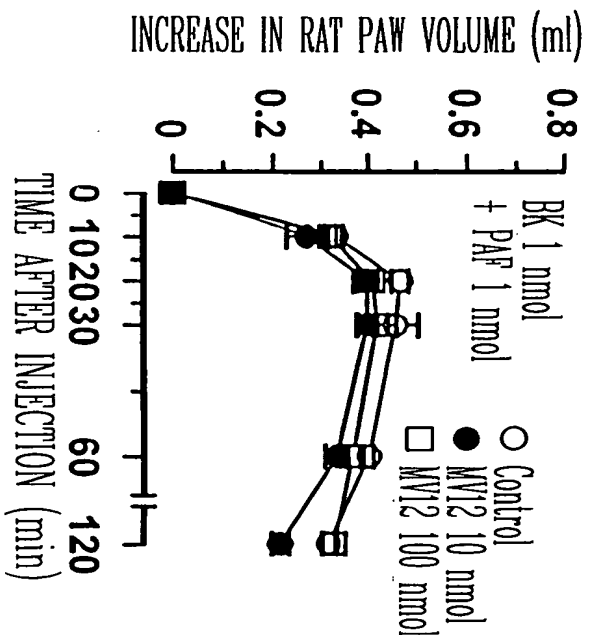


Figure 43C

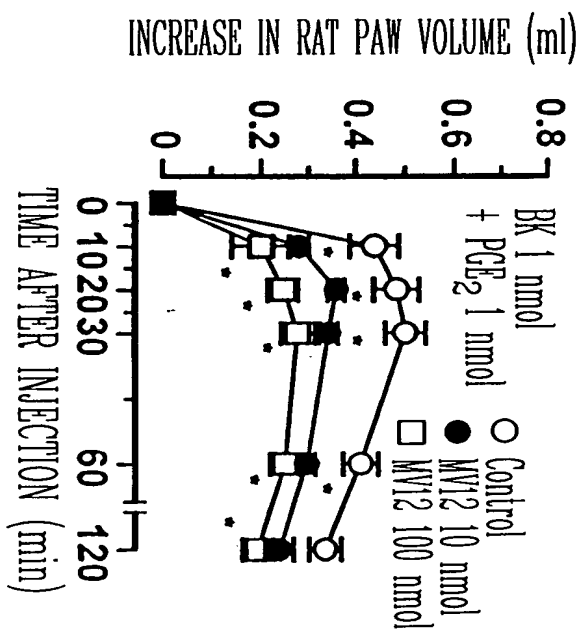


Figure 43B

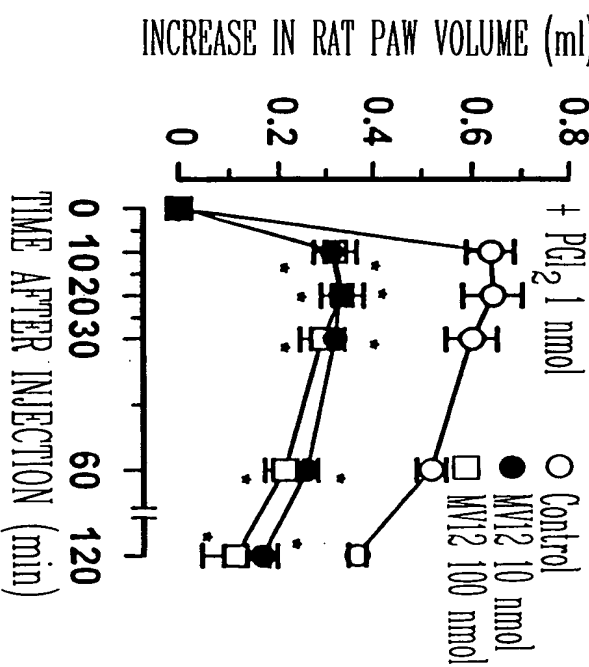


Figure 43D

45/59

09/509462

● INCREASE IN PAW VOLUME (ml) ●

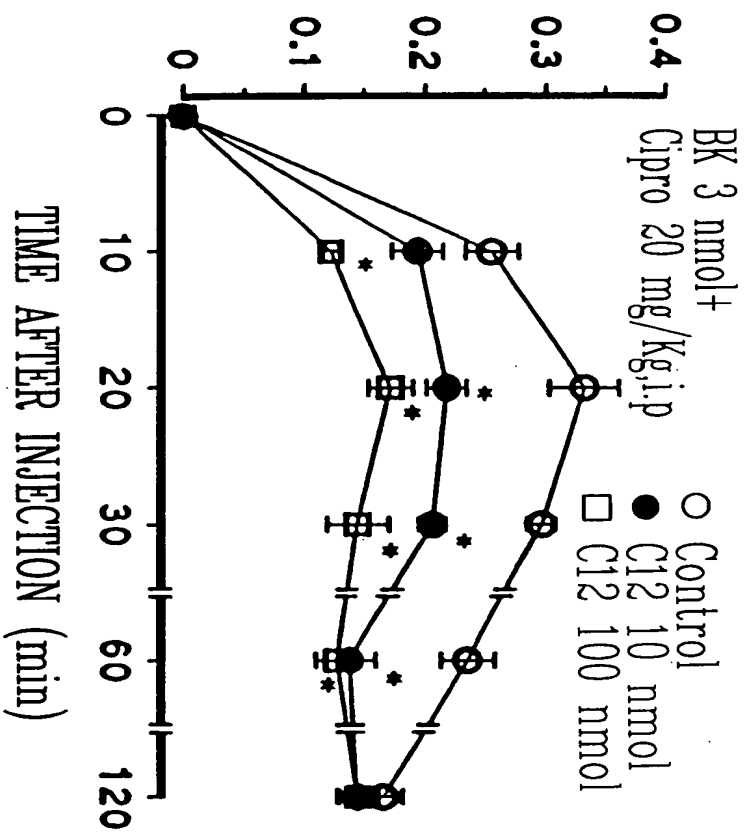


Fig. 44A

INCREASE IN PAW VOLUME (ml)

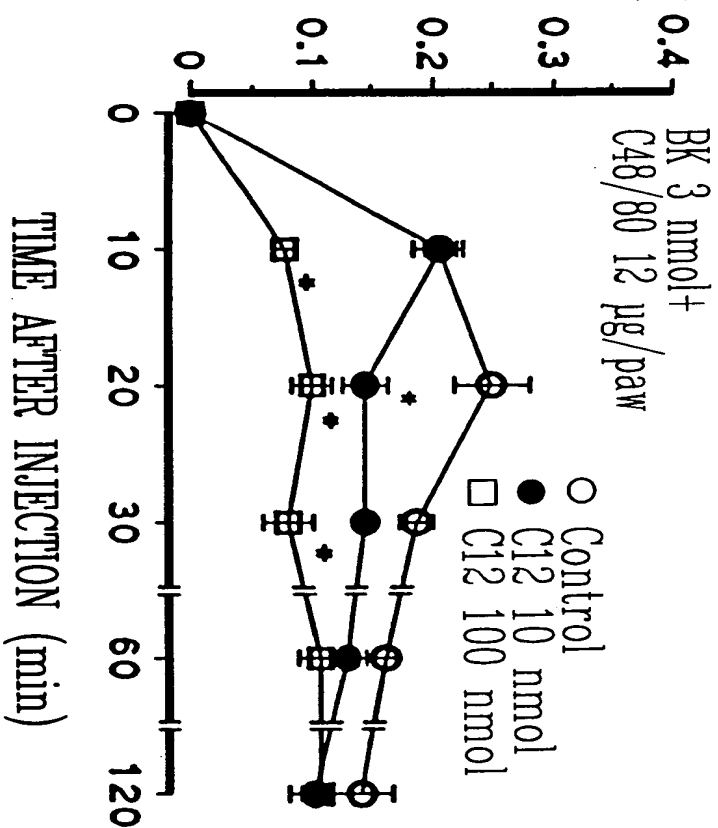
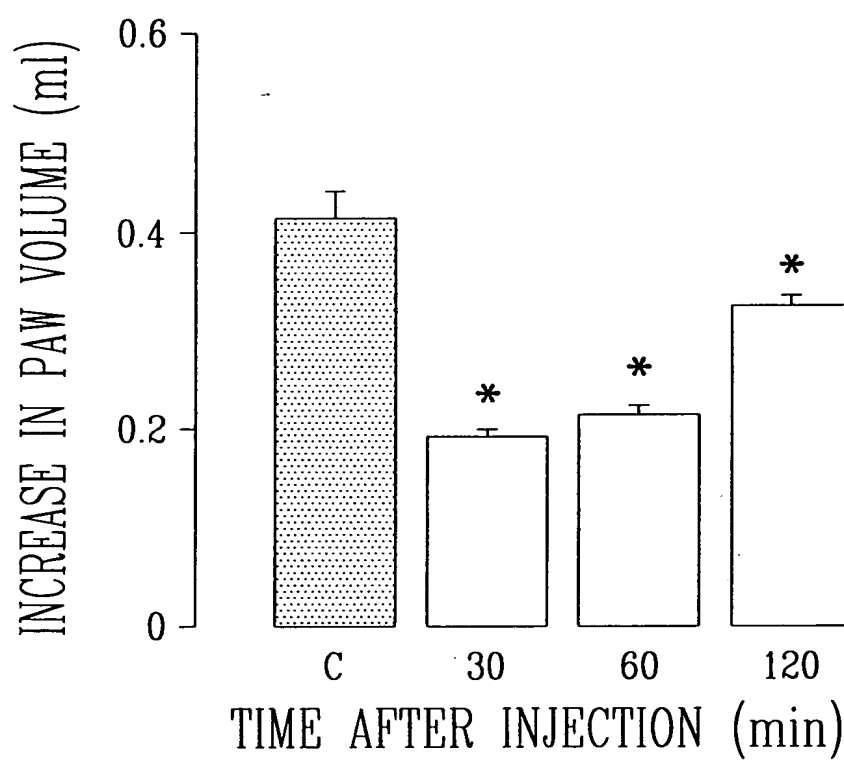


Fig. 44B

46/59

47/59

Fig. 45

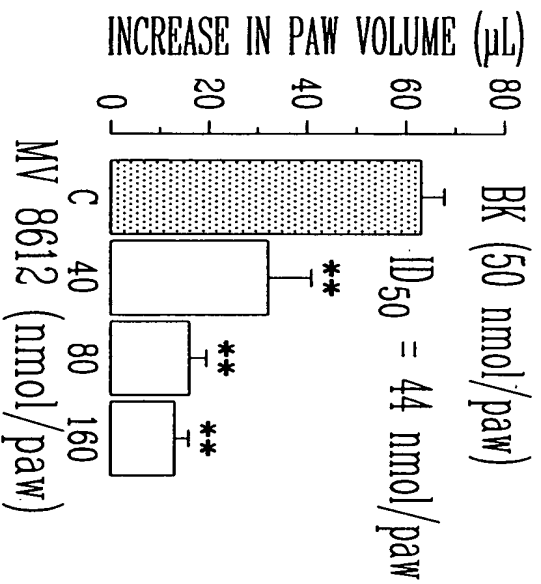


Fig. 45A

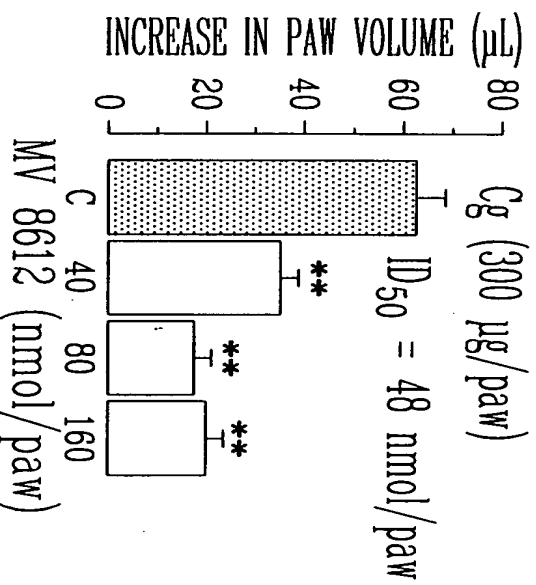


Fig. 45B

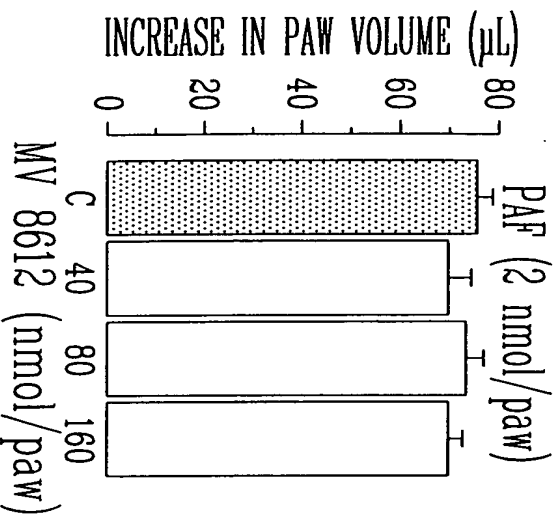


Fig. 45C

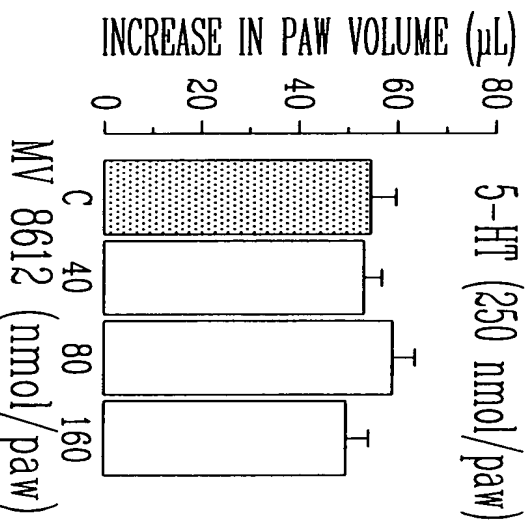


Fig. 45D

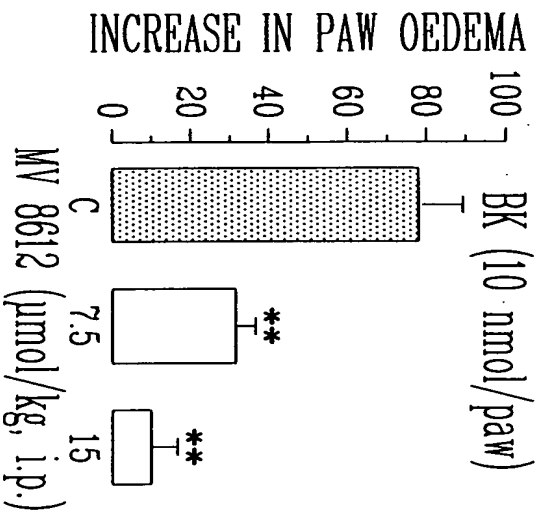


Fig. 47A

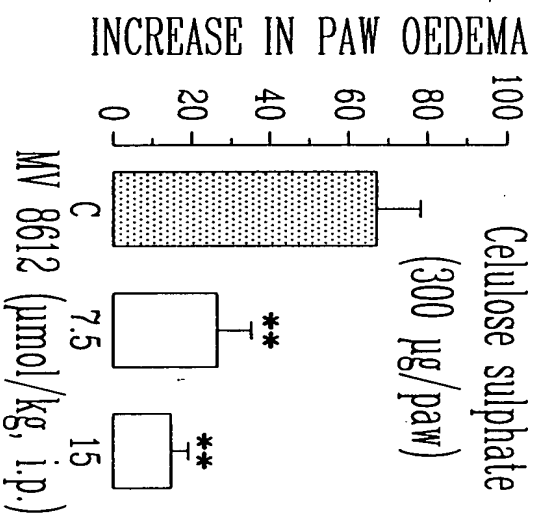


Fig. 47B

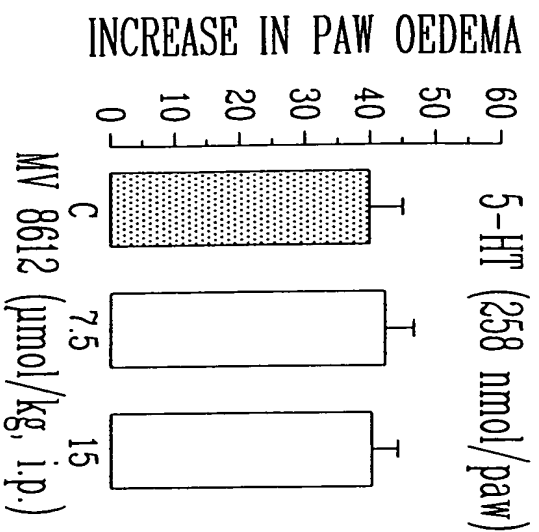


Fig. 47C

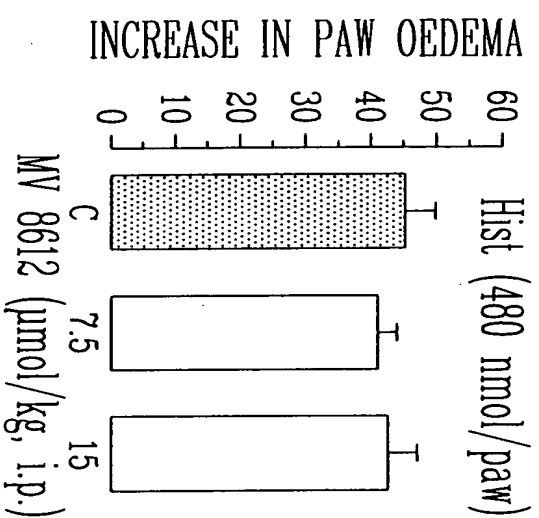


Fig. 47D

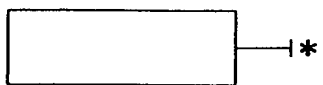
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INCREASE IN PAW VOLUME (μ l)

HIST 400 nmol/paw
MV 8608 (μ mol/kg, i.p.)

FIG. 4BA

0 10 20 30 40 50 60

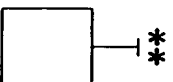
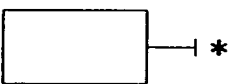


INCREASE IN PAW VOLUME (μ l)

5-HT 258 nmol/paw
MV 8608 (μ mol/kg, i.p.)

FIG. 4BB

0 10 20 30 40 50 60

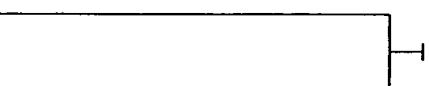
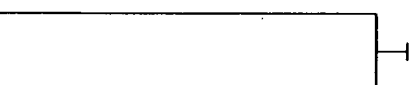
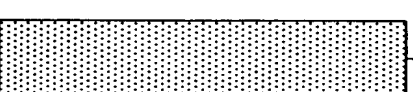


INCREASE IN PAW VOLUME (μ l)

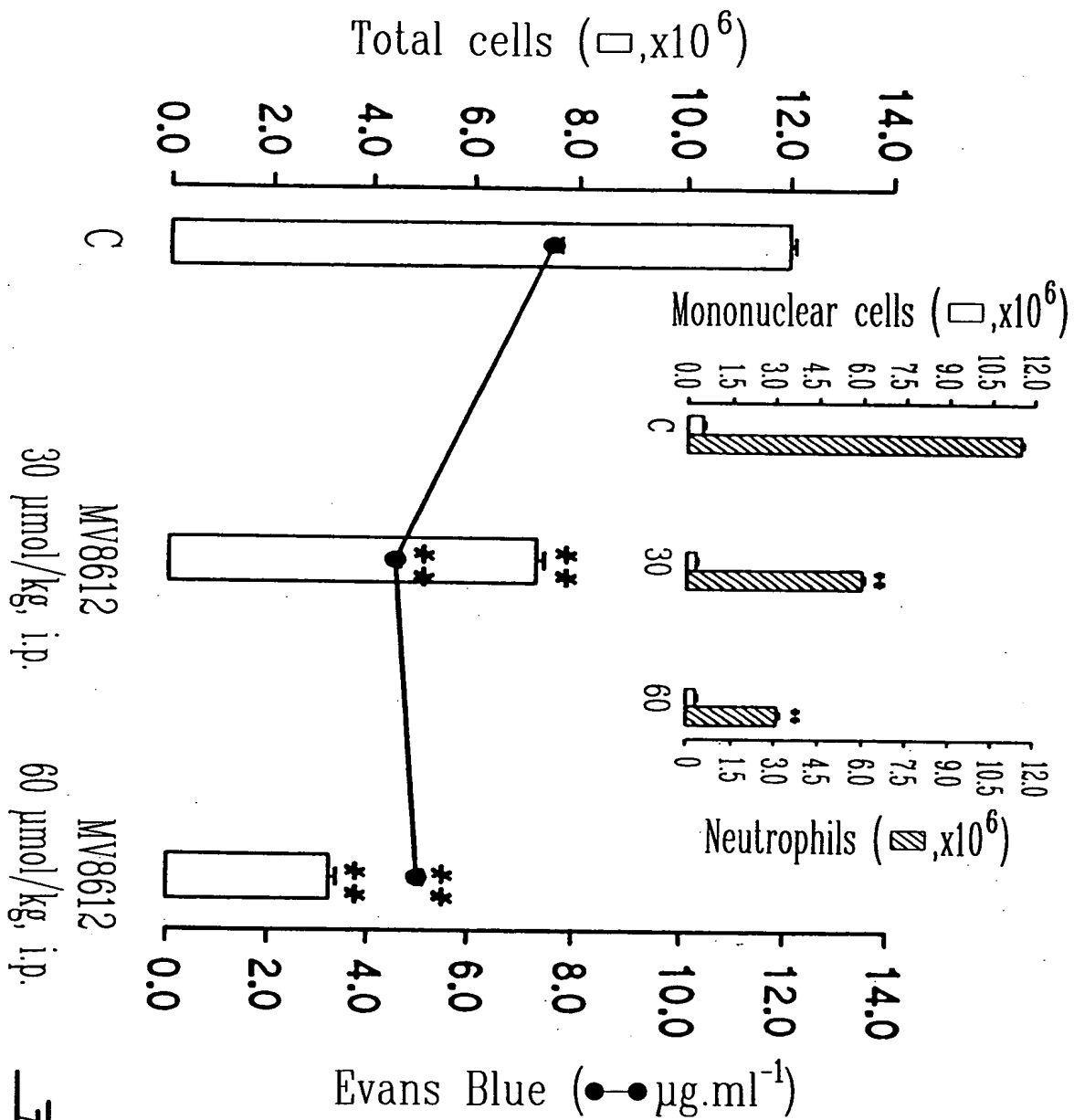
BK 10 nmol/paw
MV 8608 (μ mol/kg, i.p.)

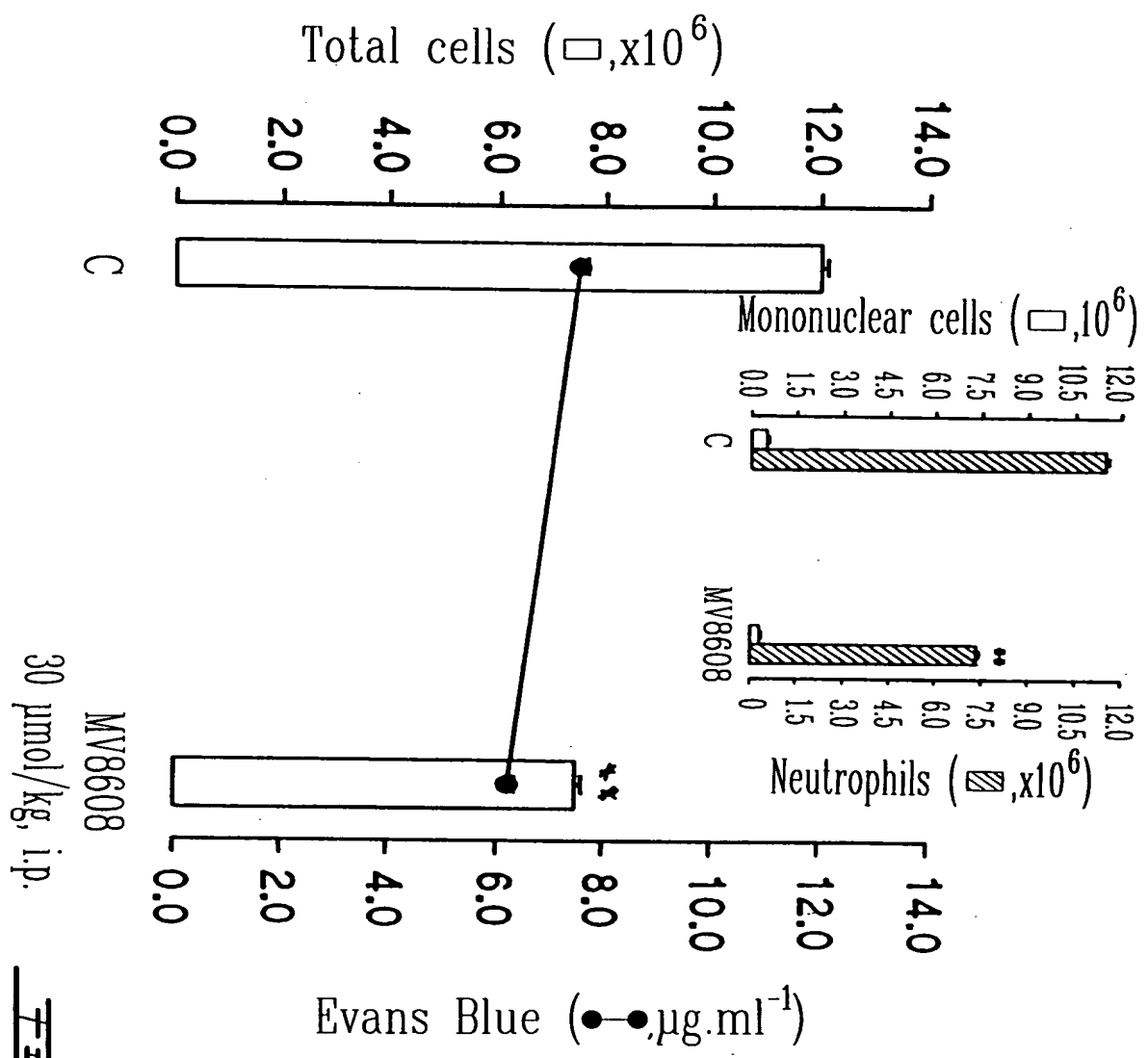
FIG. 4BC

0 20 40 60 80 100



50/59

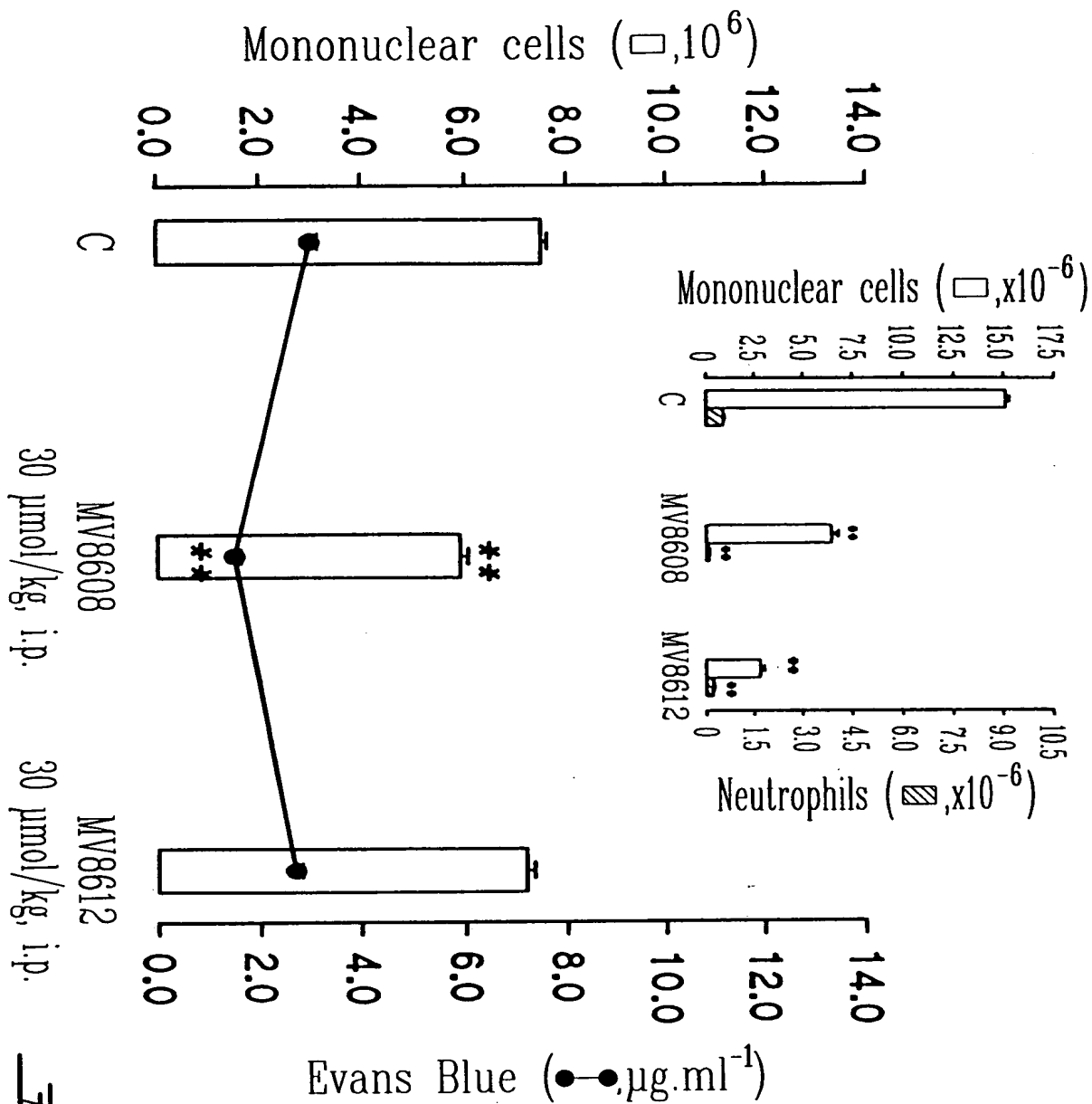




30 $\mu\text{mol/kg}$, i.p.

Fig. 5

09/509462



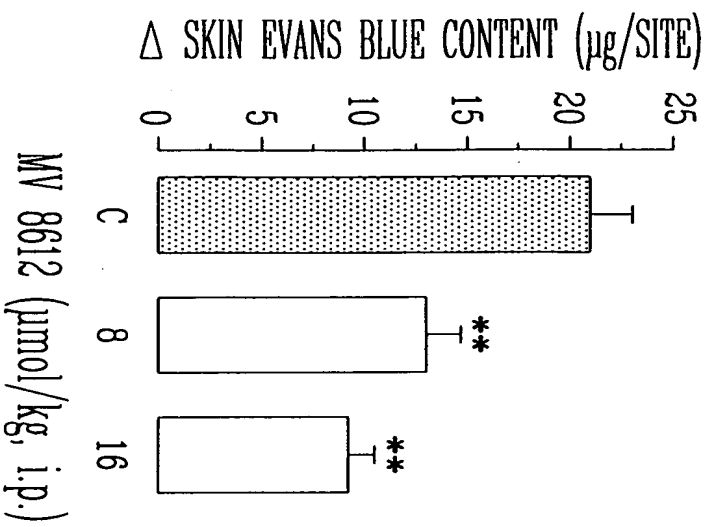


Fig. 52A

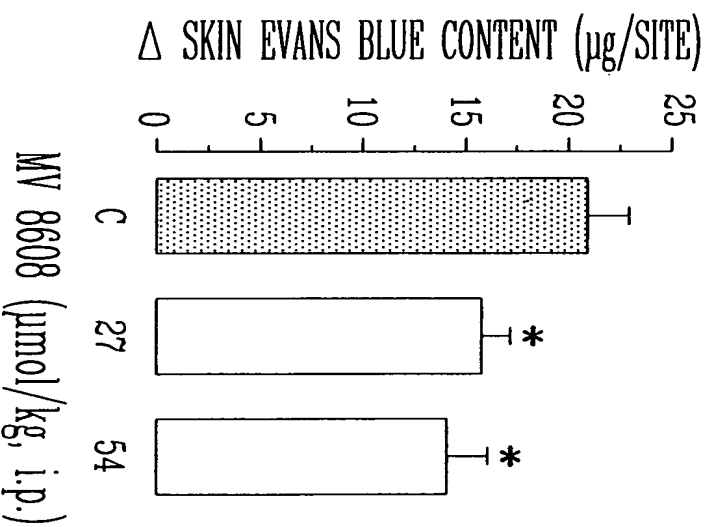


Fig. 52B

54/59

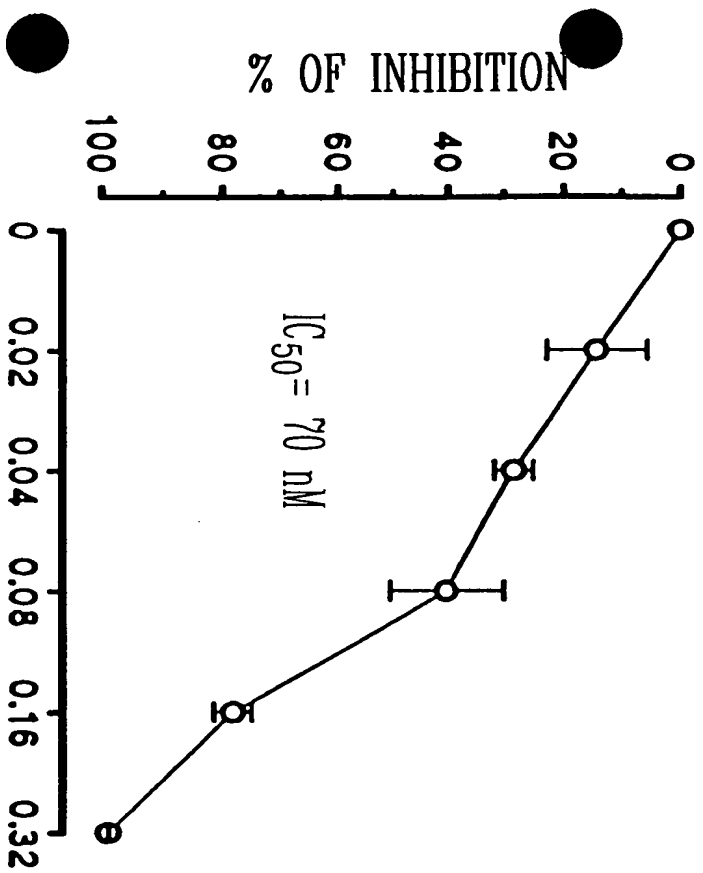


Fig. - 53A

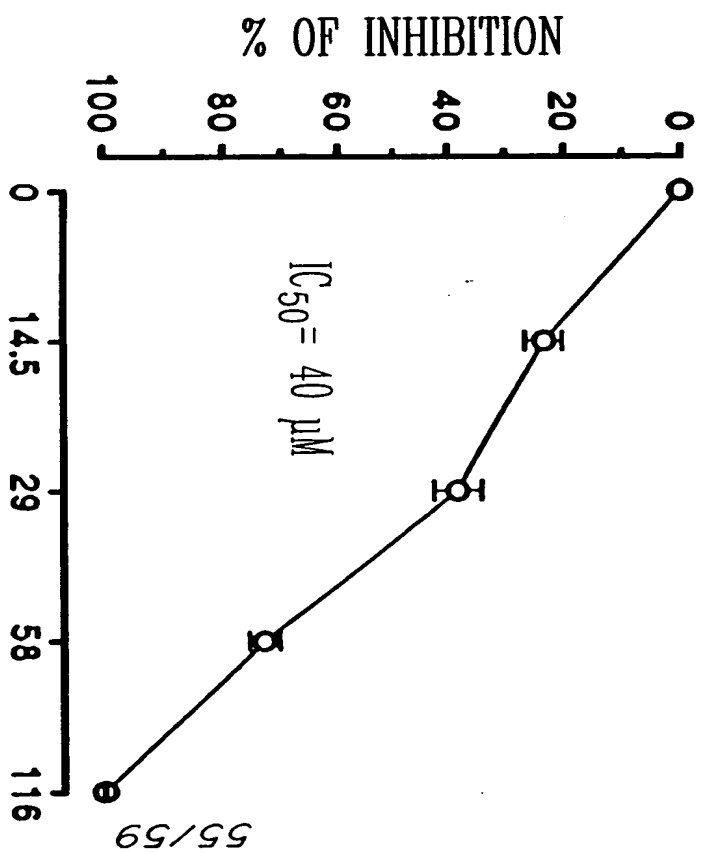


Fig. - 53B

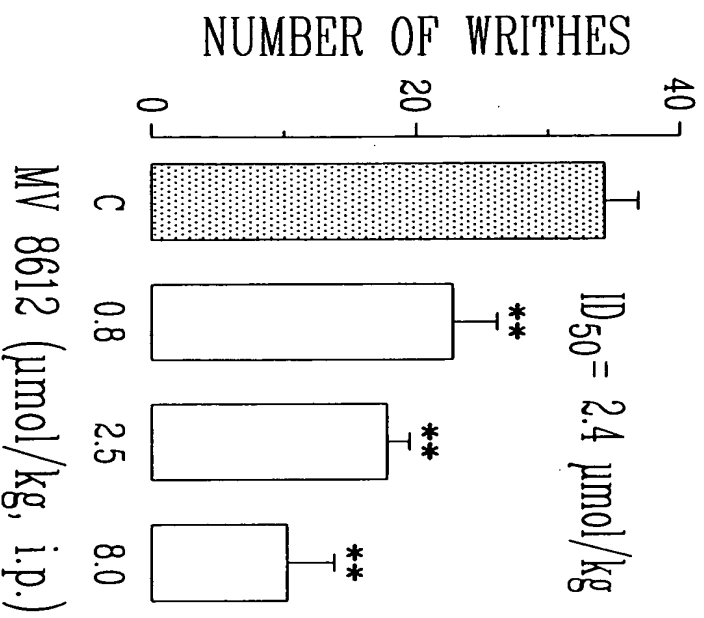
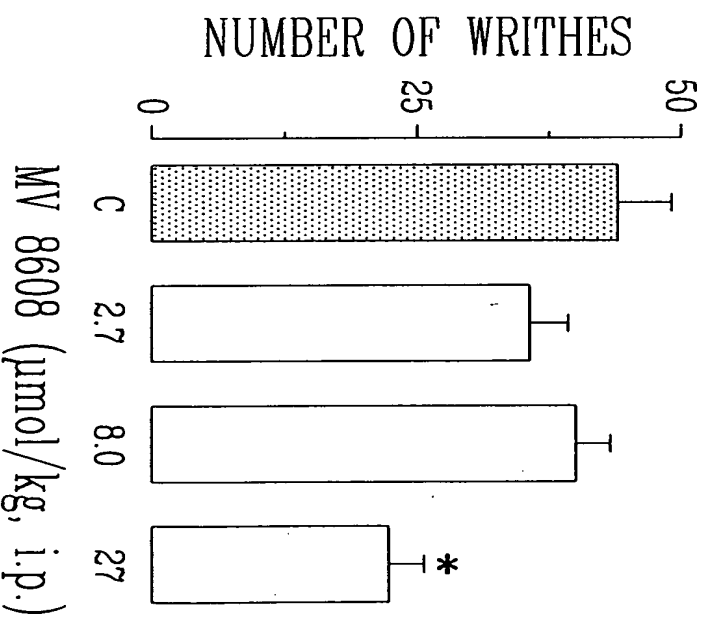


Fig. 54A



FIN-54B

56/59

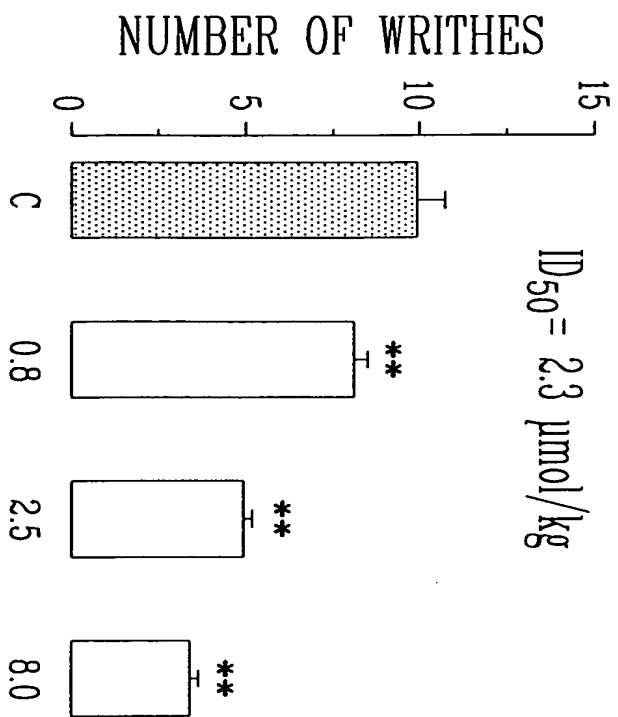


Fig - 55A

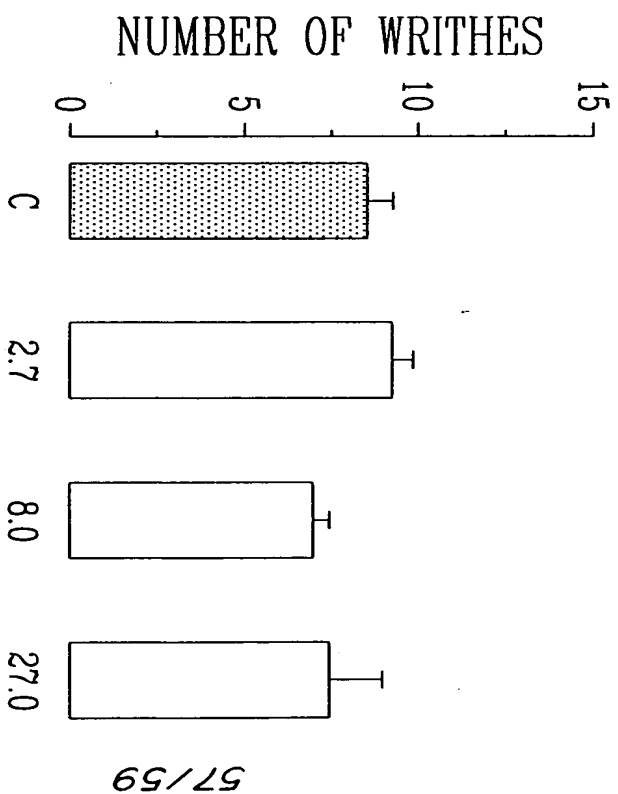
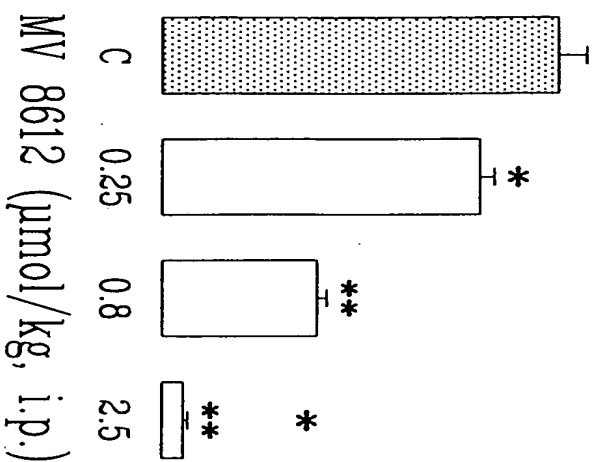


Fig - 55B

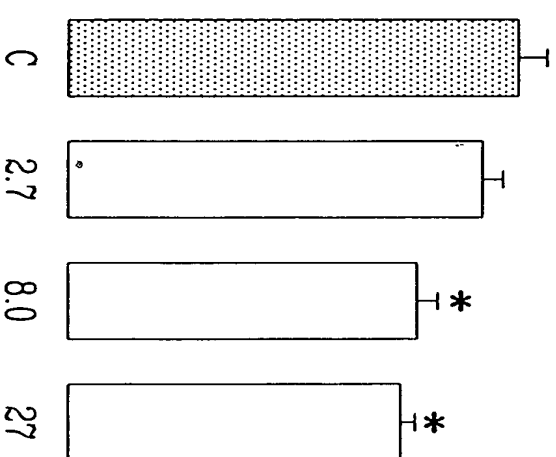
A horizontal number line with tick marks at 0, 5, 10, 15, 20, and 25.

$$ID_{50} = 0.45 \text{ } \mu\text{mol/kg}$$
MV 8612 ($\mu\text{mol}/\text{kg}$, i.p.)

ISS - 56A

Vegetable	Number of People
Carrot	15
Broccoli	10
Spinach	20
Cucumber	5

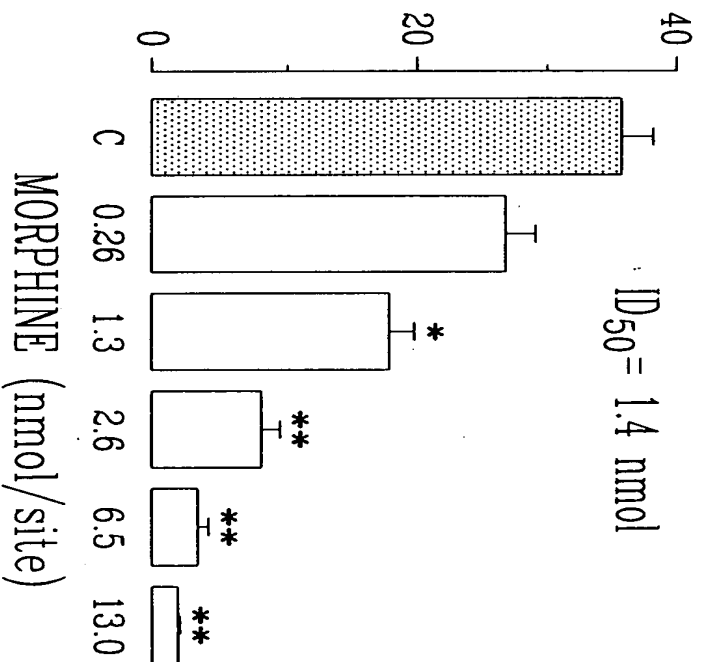
58/59

MV 8612 ($\mu\text{mol/kg}$, i.p.)

7159-56B

09 / 509462

NUMBER OF WRITHES



65/65

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